



## WHAT IS JUICING?

Juicing involves the extraction of juice from fresh fruits and vegetables to create a drinkable cocktail of vitamins, minerals, and phytonutrients.

Juicing is a controversial subject in the nutrition world, especially since juice fasts and cleanses are currently a major dietary trend. Advocates for juicing claim it's a fast and convenient way to get nutrients into our bodies, while opponents argue we miss out on important health benefits from the nutrient-rich skin and fiber that is extracted during the processing.

Regardless of your juicing stance, a glass of your favorite greens is still a better choice than a processed, sugar-laden snack. Follow these juicing tips to learn how you can safely incorporate juicing into a healthy, balanced diet.

## JUICING: HOMEMADE OR STORE-BOUGHT?

Choosing the right juice can be confusing, especially since they all claim the same health benefits. Here's the low-down on how to know the good juice from the bad.

### STORE-BOUGHT, PASTEURIZED JUICE

Juices that sit on the supermarket shelf for weeks often contain artificial flavors, additives, and preservatives that are added to extend the shelf life. They contain little to no nutritional benefits and often contain as much sugar as soda. Stay clear of these juice imposters!

### STORE-BOUGHT, PRE-PACKAGED RAW JUICE

A great option when you're in a time crunch. Fresh juice can be purchased at health food stores or good supermarkets. If you need a healthy juice on-the-go, read labels carefully and choose words like raw, organic, and unpasteurized.

### HOMEMADE OR FRESHLY-MADE JUICE

The best of the bunch – this is the freshest juice available. Juice bars are increasingly popping up in cities and in health food stores. Ask if the ingredients are organic. Homemade juice will save you money long-term, and allows you to get creative with your juice recipes.

## WHAT'S IN A JUICER?

When researching the right juicer, there are three to choose from – centrifugal, masticating, and twin-gear.

Centrifugal juicers are usually the cheapest and the easiest to clean, however, the fast processing oxidizes nutrients faster, causing your juice to lose some of its nutrients before it gets to your glass.

Masticating juicers extract more juice because they operate at a slower speed, so you get more nutrition per glass. Also, nutrients don't oxidize as quickly; therefore, juices can be stored in a well-sealed container for up to 24 hours.

Twin-gear juicers are the most powerful, and tend to be the most expensive. They can also be used to make nut butters and ice-cream. Juices stay fresh for up to 72 hours once refrigerated in a sealed container.

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## TIPS FOR JUICING

- 1 Drink it fresh. Fresh juice can develop bacteria rather quickly, so to be safe, don't wait. Vitamins and minerals can be destroyed with increased exposure to air and light, so to get the most from your juice, drink it right away.
- 2 People can't live on juice alone. Juicing is a great way to add extra nutrients and minerals into your diet, but there's typically little protein, fat, and fiber present. Your digestive system was created to work. A rest now and again is fine, but just as the mind must be kept active to keep it working at a high level, the same goes for bodily processes like digestion.
- 3 Make use of the pulp. It may be an inconvenience to clean your juicer, but instead of throwing away your leftover pulp, consider putting it to good use. Pulp can be added to garden compost, or recreated into your favorite dishes using some very creative recipes.<sup>2</sup>
- 4 Be adventurous with your produce selections. One of the biggest benefits of juicing is that it allows you to consume a variety of fresh fruit and vegetables. The next time you shop, choose something you've never juiced before and try it out.
- 5 Choose high quality produce. Going organic can be more expensive but it's a health investment that pays off long-term. Make savvy shopping decisions using the Clean Fifteen and Dirty Dozen lists.
- 6 All juices are not created equal. Vegetable juices are nutrition powerhouses. Fruit juice, although an excellent source of vitamin C, is high in natural sugar and should be consumed less often. If you're new to juicing, try adding apples, pears, lemon, or ginger to help make your vegetable juice more palatable. Slowly work towards a 3:1 ratio – three vegetables to one piece of fruit.

## BENEFITS OF JUICING

- Fast and easy absorption of nutrients
- Increased energy levels
- Clearer thinking
- Glowing eyes and skin
- Strong hair and nails
- Heightened sense of taste and smell
- Strengthened immune system
- Improved appetite control
- Provides a healthy rest for your digestive system
- Health benefits of consuming fruits and vegetables that you wouldn't normally eat raw or whole<sup>3</sup>

## TO JUICE, OR NOT TO JUICE?

The beauty of juicing is that you can use almost any fruit or vegetable, with a few exceptions. Thankfully, the "un-juiceables" make up a short list.

**AVOCADOS** Often called "nature's butter," avocados compliment almost everything – eggs, smoothies, meat dishes, the list is endless. Unfortunately, due to their low juice content, they don't do so well in a juicer. Don't want to miss out on your daily dose of healthy fat? Blend juice with an avocado to make a creamy and delicious smoothie instead.

**BANANAS** The same rule applies to bananas; there's actually no juice to juice. For a sweet, healthy treat, try blending your green juice with half a frozen banana.

**CITRUS PEELS** Although some peels can be juiced, citrus peels in general contain indigestible oils. You can juice the peels of smaller citrus fruits such as lemons and limes, however, never more than half; otherwise, the citrus oils may overwhelm the digestive system.

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# GREEN VITALITY



**PREP TIME** 10 min



**COOK TIME** 5-10 min



**YIELD** 2 servings

## INGREDIENTS

- 1 cup spinach or kale
- 2 celery stalks
- 1/2 large cucumber
- 1 apple, cored
- 1 handful of parsley
- 1/4 lime
- 1/4 lemon

## DIRECTIONS

1. Wash all produce well.
2. Prepare produce by cutting into pieces, small enough to fit in the top of the juicer.
3. Add one ingredient to the juicer at a time, beginning with leafy greens.
4. Pour the juice into a glass and drink immediately, or refrigerate in a well-sealed container.

# ORANGE IMMUNITY



**PREP TIME** 10 min



**COOK TIME** 5-10 min



**YIELD** 2 servings

## INGREDIENTS

- 1/2 small pineapple, peeled and cored
- 1 large orange, peeled
- 2 large carrots, with greens removed
- 1/2 inch ginger root
- 1/2 lemon

## DIRECTIONS

1. Wash all produce well.
2. Prepare produce by cutting into pieces, small enough to fit in the top of the juicer.
3. Add one ingredient to the juicer at a time.
4. Pour the juice into a glass and drink immediately, or refrigerate in a well-sealed container.

# RED ENERGY



**PREP TIME** 10 min



**COOK TIME** 5-10 min



**YIELD** 2 servings

## INGREDIENTS

- 1 beetroot, with greens removed
- 2 carrots, with greens removed
- 2 celery stalks
- 2 plum tomatoes

## DIRECTIONS

1. Wash all produce well.
2. Prepare produce by cutting into pieces, small enough to fit in the top of the juicer.
3. Add one ingredient to the juicer at a time.
4. Pour the juice into a glass and drink immediately, or refrigerate in a well-sealed container.

1. Kris Carr's *Crazy Sexy Diet: Eat Your Veggies, Ignite Your Spark, and Live Like You Mean It!*
2. *101 Ways to Use Juicer Pulp (Okay, Actually Just Ten)* <http://geti.in/16NwBLE>
3. *Benefits of Juicing: Your Keys to Radiant Health* <http://geti.in/13qrHaa>