

Converting Colors

RGB(104, 224, 207)

Have a look what the booklet for
RGB(104, 224, 207) contains.

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Color

RGB(104, 224, 207)

Conversions

Conversions Part 1

Format	Color
Hex	68E0CF
RGB	104, 224, 207
RGB Percent	41%, 88%, 81%
CMY	0.5922, 0.1216, 0.1882
CMYK	0.54, 0.00, 0.08, 0.12
HSL	172°, 66%, 64%
HSV	172°, 54%, 88%
XYZ	43.6271, 60.7594, 68.4598
YIQ	186.1820, -66.0630, -30.7270

Conversions

Conversions Part 2

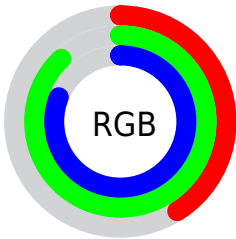
Format	Color
RYB	104, 169, 224
Decimal	6873295
CIELab	82.25, -37.79, -1.94
CIELCh	82, 37.844, 182.944
Yxy	60.7594, 0.2524, 0.3515
Android (android.graphics.Color)	4285063375 (0xFF68E0CF)
YUV	186.1820, 10.2633, -72.0736
Hunter-Lab	77.9483, -36.5044, 2.4910

Details

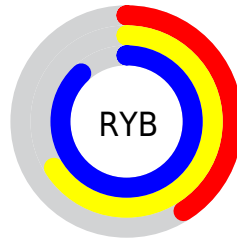
The RGB color **104, 224, 207** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **224, 104, 121**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **164, 255, 255**, and **34, 168, 153** is the 20% darker color. If you saturate the color by 10%, you get **82, 224, 204**, and if you desaturate by 10%, it is **126, 224, 210**.

Distribution



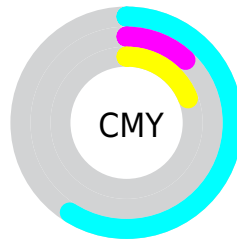
- Red (41%)
- Green (88%)
- Blue (81%)



- Red (41%)
- Yellow (66%)
- Blue (88%)



- Cyan (54%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



















- Cyan (59%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 224, 207 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 104, 224, 207 by changing the saturation by 10% instead.

 104, 224, 207	 104, 224, 207
 255, 255, 255	 72, 196, 180
 164, 255, 255	 34, 168, 153
 193, 255, 255	 0, 141, 127
 223, 255, 255	 0, 115, 102
 254, 255, 255	 0, 90, 78
	 0, 66, 55
	 0, 43, 34
	 0, 15, 12
	 0, 0, 0

■ 104, 224, 207

■ 104, 224, 207

■ 82, 224, 204

■ 126, 224, 210

■ 59, 224, 201

■ 149, 224, 213

■ 37, 224, 197

■ 171, 224, 217

■ 14, 224, 194

■ 194, 224, 220

■ 0, 224, 192

■ 216, 224, 223

■ 238, 224, 226

■ 255, 224, 229

■ 255, 224, 232

■ 255, 224, 236

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



146, 221, 171



104, 224, 207



81, 223, 242

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



104, 224, 207



214, 194, 255



255, 191, 142

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



104, 224, 207



224, 104, 121

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 181, 168



104, 224, 207



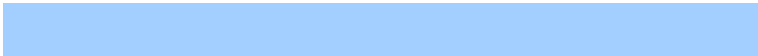
253, 183, 238

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



104, 224, 207



162, 207, 255



255, 178, 202



226, 204, 133

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



104, 224, 207



94, 219, 255



255, 178, 202



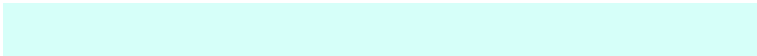
255, 188, 149

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



104, 224, 207



214, 255, 249



122, 224, 104



103, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104, 224, 207



92, 255, 232



104, 182, 224



101, 112, 111



0, 176, 151



0, 48, 42

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



224, 104, 121



255, 92, 115



224, 146, 104



112, 101, 103



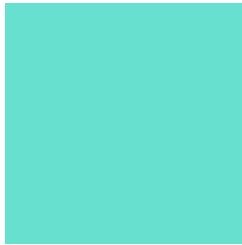
176, 0, 25



48, 0, 7

Previews

White Background



This preview shows how the RGB color 104, 224, 207 looks on a white background.

Color Contrast Check

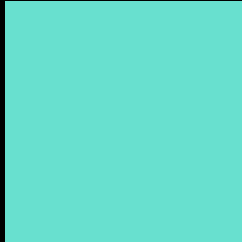
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 104, 224, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

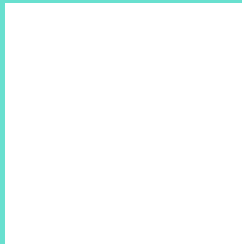
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 104, 224, 207 Background



This preview shows how black text looks on a background with the RGB color 104, 224, 207.

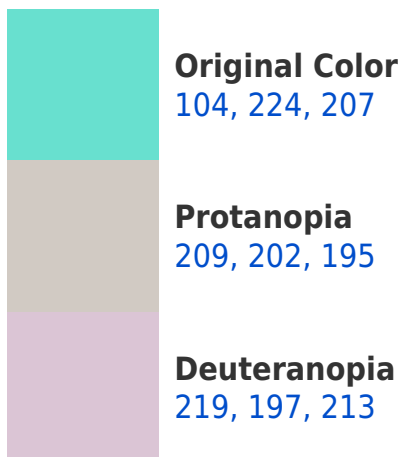


This preview shows how white text looks on a background with the RGB color 104, 224, 207.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
114, 220, 237

Trichromacy



Original Color

104, 224, 207



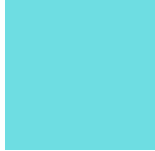
Protanomaly

171, 210, 199



Deuteranomaly

177, 207, 211



Tritanomaly

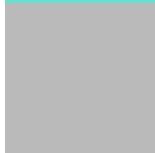
110, 221, 226

Monochromacy



Original Color

104, 224, 207



Achromatopsia

186, 186, 186



Achromatomaly

156, 200, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 224, 207 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(104, 224, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 224, 207) }
```

Border

The CSS property to change the border of an element to RGB 104, 224, 207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 224, 207) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 224, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(104, 224,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 104, 224, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 224, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104,  
224, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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