

Converting Colors

RGB(79, 210, 204)

Have a look what the booklet for
RGB(79, 210, 204) contains.

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Color

RGB(79, 210, 204)

Conversions

Conversions Part 1

Format	Color
Hex	4FD2CC
RGB	79, 210, 204
RGB Percent	31%, 82%, 80%
CMY	0.6902, 0.1765, 0.2000
CMYK	0.62, 0.00, 0.03, 0.18
HSL	177°, 59%, 57%
HSV	177°, 62%, 82%
XYZ	37.1701, 52.1151, 65.2269
YIQ	170.1470, -76.1500, -29.6380

Conversions

Conversions Part 2

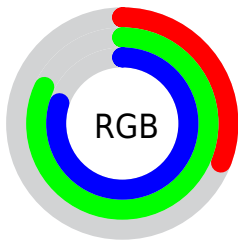
Format	Color
RYB	79, 146, 210
Decimal	5231308
CIELab	77.35, -36.73, -7.65
CIELCh	77, 37.516, 191.766
Yxy	52.1151, 0.2406, 0.3373
Android (android.graphics.Color)	4283421388 (0xFF4FD2CC)
YUV	170.1470, 16.6895, -79.9359
Hunter-Lab	72.1908, -34.4265, -3.0370

Details

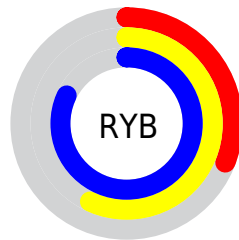
The RGB color **79, 210, 204** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **210, 79, 85**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **142, 255, 255**, and **0, 155, 150** is the 20% darker color. If you saturate the color by 10%, you get **58, 210, 203**, and if you desaturate by 10%, it is **100, 210, 205**.

Distribution



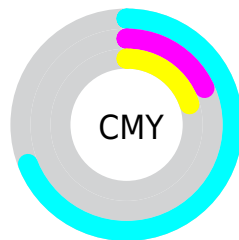
- Red (31%)
- Green (82%)
- Blue (80%)



- Red (31%)
- Yellow (57%)
- Blue (82%)



- Cyan (62%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



















- Cyan (69%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 210, 204 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 79, 210, 204 by changing the saturation by 10% instead.

 79, 210, 204	 79, 210, 204
 255, 255, 255	 40, 182, 177
 142, 255, 255	 0, 155, 150
 172, 255, 255	 0, 128, 124
 202, 255, 255	 0, 103, 99
 233, 255, 255	 0, 78, 75
	 0, 54, 53
	 0, 34, 32
	 0, 0, 8
	 0, 0, 0

■ 79, 210, 204

■ 79, 210, 204

■ 58, 210, 203

■ 100, 210, 205

■ 37, 210, 202

■ 121, 210, 206

■ 16, 210, 201

■ 142, 210, 207

■ 0, 210, 200

■ 163, 210, 208

■ 184, 210, 209

■ 205, 210, 210

■ 226, 210, 211

■ 247, 210, 212

■ 255, 210, 213

Harmonies

Analogous

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



120, 208, 168



79, 210, 204



67, 207, 236

Triad

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



79, 210, 204



213, 177, 243



233, 182, 126

Complementary

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



79, 210, 204



210, 79, 85

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.



254, 170, 146



79, 210, 204



246, 167, 214

Square

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



79, 210, 204



164, 190, 255



255, 165, 178



201, 193, 122

Rectangle

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



79, 210, 204



91, 203, 251



255, 165, 178



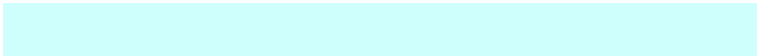
242, 178, 131

Sweetspot

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



79, 210, 204



207, 255, 253



86, 210, 79



98, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



79, 210, 204



64, 255, 246



79, 151, 210



94, 105, 104



0, 168, 161



0, 41, 39

Inverse Universe

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



210, 79, 85



255, 64, 73



210, 138, 79



105, 94, 95



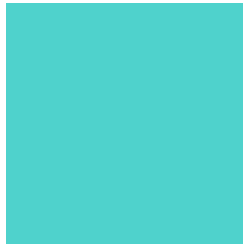
168, 0, 8



41, 0, 2

Previews

White Background



This preview shows how the RGB color 79, 210, 204 looks on a white background.

Color Contrast Check

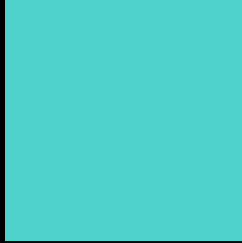
Large Text (above 18pt) WCAG AA × Fail

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 79, 210, 204 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 79, 210, 204 Background



This preview shows how black text looks on a background with the RGB color 79, 210, 204.

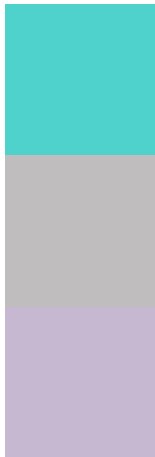


This preview shows how white text looks on a background with the RGB color 79, 210, 204.

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](#).

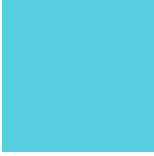
Dichromacy



Original Color
79, 210, 204

Protanopia
192, 189, 191

Deuteranopia
199, 184, 210



Tritanopia
88, 207, 224

Trichromacy



Original Color

79, 210, 204



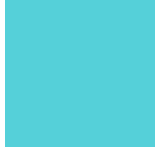
Protanomaly

151, 197, 196



Deuteranomaly

155, 193, 208



Tritanomaly

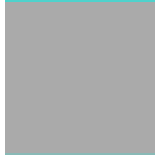
85, 208, 217

Monochromacy



Original Color

79, 210, 204



Achromatopsia

170, 170, 170



Achromatomaly

137, 185, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 210, 204 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(79, 210, 204)` looks like.

```
.text, #text, p{  
    color:rgb(79, 210, 204)  
}
```

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(79, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 210, 204) }
```

Border

The CSS property to change the border of an element to RGB 79, 210, 204 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(79, 210, 204) }
```

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

```
.border{ border-color:rgb(79, 210, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(79, 210,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 79, 210, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 210, 204) }
```

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

```
.background{ background-color: rgb(79, 210,  
204) }
```

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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