

Converting Colors

RGB(20, 199, 194)

Have a look what the booklet for
RGB(20, 199, 194) contains.

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Color

RGB(20, 199, 194)

Conversions

Conversions Part 1

Format	Color
Hex	14C7C2
RGB	20, 199, 194
RGB Percent	8%, 78%, 76%
CMY	0.9216, 0.2196, 0.2392
CMYK	0.90, 0.00, 0.03, 0.22
HSL	178°, 82%, 43%
HSV	178°, 90%, 78%
XYZ	30.4495, 44.8906, 58.0988
YIQ	144.9090, -105.0790, -39.5030

Conversions

Conversions Part 2

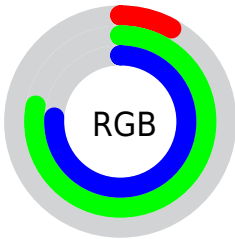
Format	Color
R_{YB}	20, 111, 199
Decimal	1361858
CIE _{Lab}	72.82, -40.72, -9.08
CIE _{LCh}	73, 41.720, 192.571
Yxy	44.8906, 0.2282, 0.3364
Android (android.graphics.Color)	4279551938 (0xFF14C7C2)
YUV	144.9090, 24.2019, -109.5452
Hunter-Lab	67.0005, -36.1284, -4.5125

Details

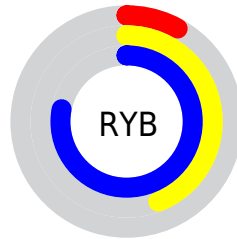
The RGB color **20, 199, 194** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **199, 20, 25**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **108, 255, 250**, and **0, 144, 141** is the 20% darker color. If you saturate the color by 10%, you get **0, 199, 193**, and if you desaturate by 10%, it is **40, 199, 195**.

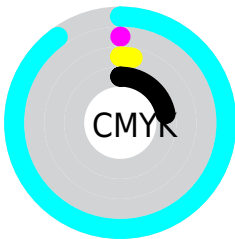
Distribution



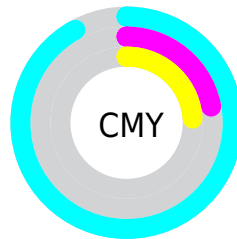
- Red (8%)
- Green (78%)
- Blue (76%)



- Red (8%)
- Yellow (44%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



















- Cyan (92%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 20, 199, 194 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 20, 199, 194 by changing the saturation by 10% instead.

 20, 199, 194	 20, 199, 194
 255, 255, 255	 0, 171, 167
 108, 255, 250	 0, 144, 141
 141, 255, 255	 0, 118, 115
 172, 255, 255	 0, 93, 91
 203, 255, 255	 0, 68, 67
 234, 255, 255	 0, 45, 45
	 0, 18, 25
	 0, 0, 0

 20, 199, 194  20, 199, 194

■ 0, 199, 193

■ 40, 199, 195

■ 0, 199, 193

■ 60, 199, 195

■ 80, 199, 196

■ 100, 199, 196

■ 120, 199, 197

■ 139, 199, 197

■ 159, 199, 198

■ 179, 199, 198

■ 199, 199, 199

Harmonies

Analogous

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



96, 197, 155



20, 199, 194



0, 196, 229

Triad

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



20, 199, 194



203, 163, 235



222, 169, 106

Complementary

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



20, 199, 194



199, 20, 25

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.



246, 156, 129



20, 199, 194



239, 151, 203

Square

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



20, 199, 194



149, 177, 253



253, 149, 164



188, 182, 103

Rectangle

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



20, 199, 194



47, 192, 246



253, 149, 164



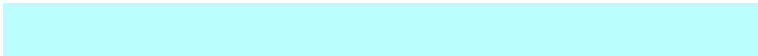
232, 164, 112

Sweetspot

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



20, 199, 194



186, 255, 253



26, 199, 20



87, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



20, 199, 194



0, 255, 248



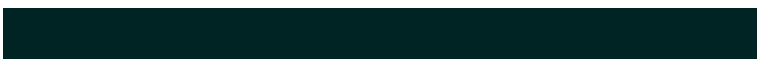
20, 115, 199



90, 99, 99



0, 163, 159



0, 36, 35

Inverse Universe

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



199, 20, 25



255, 0, 7



199, 104, 20



99, 90, 90



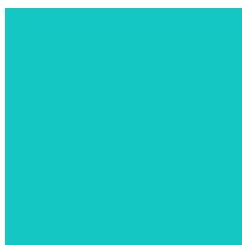
163, 0, 5



36, 0, 1

Previews

White Background



This preview shows how the RGB color 20, 199, 194 looks on a white background.

Color Contrast Check

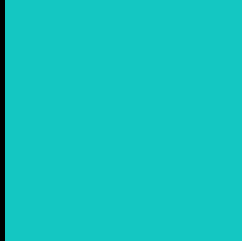
Large Text (above 18pt) WCAG AA × Fail

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 20, 199, 194 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

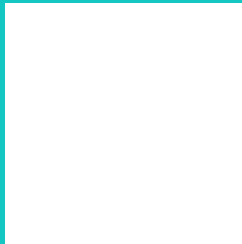
Any Text WCAG AAA ✓ Pass

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

RGB 20, 199, 194 Background



This preview shows how black text looks on a background with the RGB color 20, 199, 194.



This preview shows how white text looks on a background with the RGB color 20, 199, 194.

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
44, 196, 212

Trichromacy



Original Color

20, 199, 194



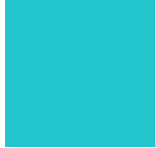
Protanomaly

121, 184, 185



Deuteranomaly

124, 182, 198



Tritanomaly

35, 197, 205

Monochromacy



Original Color

20, 199, 194



Achromatopsia

145, 145, 145



Achromatomaly

100, 165, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 20, 199, 194 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(20, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(20, 199, 194)  
}
```

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(20, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 199, 194) }
```

Border

The CSS property to change the border of an element to RGB 20, 199, 194 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(20, 199, 194) }
```

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

```
.border{ border-color:rgb(20, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(20, 199,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 20, 199, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 199, 194) }
```

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

```
.background{ background-color: rgb(20, 199,  
194) }
```

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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