

Converting Colors

RGB(20, 235, 193)

Have a look what the booklet for
RGB(20, 235, 193) contains.

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Color

RGB(20, 235, 193)

Conversions

Conversions Part 1

Format	Color
Hex	14EBC1
RGB	20, 235, 193
RGB Percent	8%, 92%, 76%
CMY	0.9216, 0.0784, 0.2431
CMYK	0.91, 0.00, 0.18, 0.08
HSL	168°, 84%, 50%
HSV	168°, 91%, 92%
XYZ	39.6225, 63.4156, 60.6042
YIQ	165.9270, -114.6580, -58.6420

Conversions

Conversions Part 2

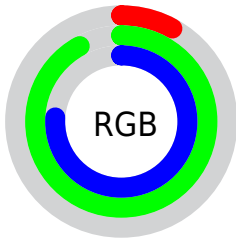
Format	Color
RYB	20, 139, 235
Decimal	1371073
CIELab	83.66, -56.06, 7.31
CIELCh	84, 56.534, 172.569
Yxy	63.4156, 0.2421, 0.3875
Android (android.graphics.Color)	4279561153 (0xFF14EBC1)
YUV	165.9270, 13.3470, -127.9780
Hunter-Lab	79.6339, -50.5454, 10.6220

Details

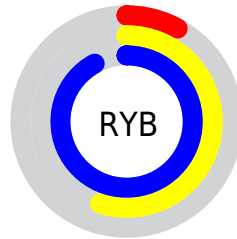
The RGB color **20, 235, 193** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **235, 20, 62**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **115, 255, 249**, and **0, 178, 140** is the 20% darker color. If you saturate the color by 10%, you get **0, 235, 189**, and if you desaturate by 10%, it is **44, 235, 198**.

Distribution



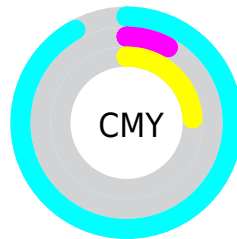
- Red (8%)
- Green (92%)
- Blue (76%)



- Red (8%)
- Yellow (55%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)




















- Cyan (92%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 20, 235, 193 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, 235, 193 by changing the saturation by 10% instead.

 20, 235, 193	 20, 235, 193
 255, 255, 255	 0, 206, 166
 115, 255, 249	 0, 178, 140
 149, 255, 255	 0, 150, 114
 181, 255, 255	 0, 124, 90
 213, 255, 255	 0, 98, 66
 245, 255, 255	 0, 72, 44
	 0, 49, 23
	 0, 21, 0
	 0, 0, 0

■ 20, 235, 193

■ 20, 235, 193

■ 0, 235, 189

■ 44, 235, 198

■ 67, 235, 202

■ 91, 235, 207

■ 114, 235, 211

■ 138, 235, 216

■ 161, 235, 221

■ 185, 235, 225

■ 208, 235, 230

■ 232, 235, 234

Harmonies

Analogous

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



137, 229, 142



20, 235, 193



0, 235, 248

Triad

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



20, 235, 193



192, 200, 255



255, 182, 126

Complementary

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



20, 235, 193



235, 20, 62

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, 167, 171



20, 235, 193



255, 179, 255

Square

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



20, 235, 193



79, 218, 255



255, 165, 224



252, 201, 101

Rectangle

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



20, 235, 193



0, 233, 255



255, 165, 224



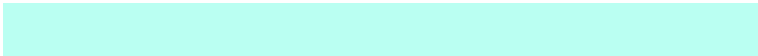
255, 176, 139

Sweetspot

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



20, 235, 193



186, 255, 242



63, 235, 20



87, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



20, 235, 193



0, 255, 205



20, 170, 235



106, 117, 115



0, 181, 146



0, 54, 43

Inverse Universe

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



235, 20, 62



255, 0, 50



235, 85, 20



117, 106, 108



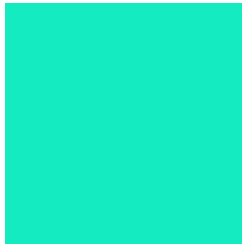
181, 0, 35



54, 0, 10

Previews

White Background



This preview shows how the RGB color 20, 235, 193 looks on a white background.

Color Contrast Check

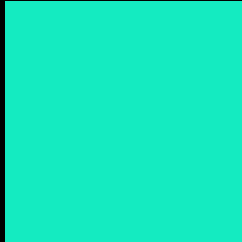
Large Text (above 18pt) WCAG AA × Fail

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, 235, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

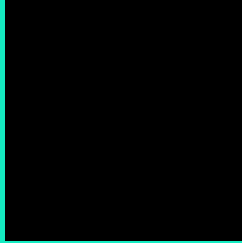
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

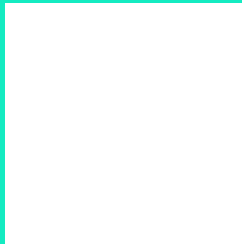
Any Text WCAG AAA ✓ Pass

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

RGB 20, 235, 193 Background



This preview shows how black text looks on a background with the RGB color 20, 235, 193.

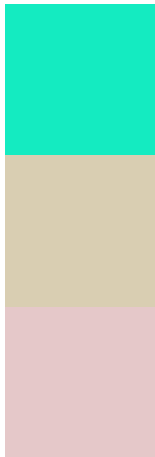


This preview shows how white text looks on a background with the RGB color 20, 235, 193.

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](#).

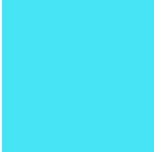
Dichromacy



Original Color
20, 235, 193

Protanopia
217, 206, 178

Deuteranopia
229, 200, 201



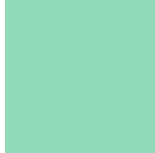
Tritanopia
71, 228, 246

Trichromacy



Original Color

20, 235, 193



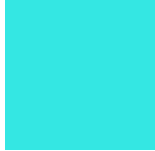
Protanomaly

145, 217, 183



Deuteranomaly

153, 213, 198



Tritanomaly

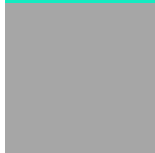
52, 231, 227

Monochromacy



Original Color

20, 235, 193



Achromatopsia

166, 166, 166



Achromatomaly

113, 191, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 20, 235, 193 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, 235, 193)` looks like.

```
.text, #text, p{  
    color:rgb(20, 235, 193)  
}
```

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, 235, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 235, 193) }
```

Border

The CSS property to change the border of an element to RGB 20, 235, 193 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, 235, 193) }
```

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

```
.border{ border-color:rgb(20, 235, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 235, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 235, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 235, 193);  
box-shadow:4px 4px 4px 4px rgb(20, 235,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 20, 235, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 235, 193) }
```

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

```
.background{ background-color: rgb(20, 235,  
193) }
```

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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