

Converting Colors

RGB(22, 205, 205)

Have a look what the booklet for
RGB(22, 205, 205) contains.

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Color

RGB(22, 205, 205)

Conversions

Conversions Part 1	
Format	Color
Hex	16CDCD
RGB	22, 205, 205
RGB Percent	9%, 80%, 80%
CMY	0.9137, 0.1961, 0.1961
CMYK	0.89, 0.00, 0.00, 0.20
HSL	180°, 81%, 45%
HSV	180°, 89%, 80%
XYZ	33.1816, 48.2410, 65.3202
YIQ	150.2830, -109.0680, -38.7960

Conversions

Conversions Part 2

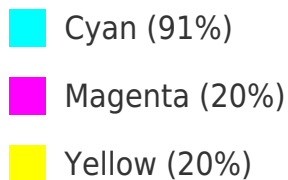
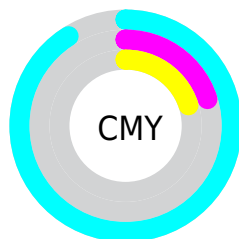
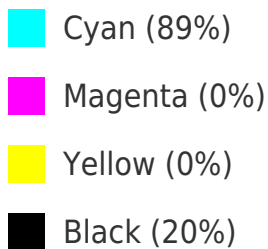
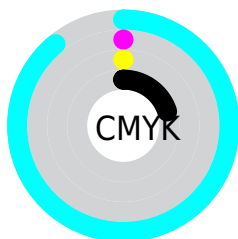
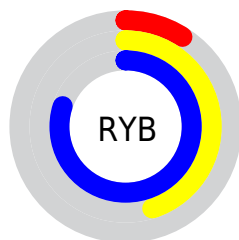
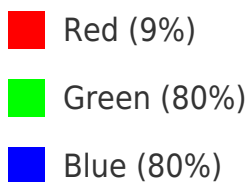
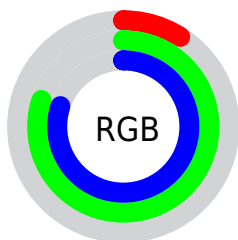
Format	Color
RYB	22, 114, 205
Decimal	1494477
CIELab	74.98, -40.08, -11.82
CIELCh	75, 41.783, 196.436
Yxy	48.2410, 0.2261, 0.3287
Android (android.graphics.Color)	4279684557 (0xFF16CDCD)
YUV	150.2830, 26.9755, -112.5042
Hunter-Lab	69.4557, -36.2713, -7.1407

Details

The RGB color **22, 205, 205** 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 **205, 22, 22**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **111, 255, 255**, and **0, 150, 151** is the 20% darker color. If you saturate the color by 10%, you get **2, 205, 205**, and if you desaturate by 10%, it is **43, 205, 205**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 22, 205, 205 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 22, 205, 205 by changing the saturation by 10% instead.



22, 205, 205



22, 205, 205

255, 255, 255



0, 177, 178



111, 255, 255



0, 150, 151



144, 255, 255



0, 124, 125



176, 255, 255



0, 98, 100



207, 255, 255



0, 73, 76



238, 255, 255



0, 50, 54



0, 27, 32



0, 0, 8



0, 0, 0

 22, 205, 205

 22, 205, 205

 2, 205, 205

 43, 205, 205

 0, 205, 205

 63, 205, 205

 84, 205, 205

 104, 205, 205

 125, 205, 205

 145, 205, 205

 166, 205, 205

 186, 205, 205

 207, 205, 205

Harmonies

Analogous

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



94, 204, 165



22, 205, 205



0, 202, 239

Triad

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



22, 205, 205



215, 167, 238



225, 176, 110

Complementary

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



22, 205, 205



205, 22, 22

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.



250, 163, 130



22, 205, 205



248, 156, 204

Square

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



22, 205, 205



163, 181, 255



255, 155, 165



188, 189, 109

Rectangle

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



22, 205, 205



68, 197, 254



255, 155, 165



235, 172, 115

Sweetspot

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



22, 205, 205



186, 255, 255



22, 205, 22



87, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



22, 205, 205



0, 255, 255



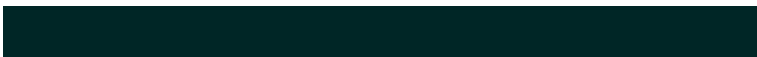
22, 114, 205



92, 102, 102



0, 166, 166



0, 38, 38

Inverse Universe

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



205, 22, 205



255, 0, 255



205, 114, 22



102, 92, 102



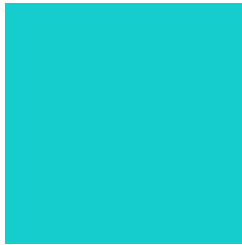
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 22, 205, 205 looks on a white background.

Color Contrast Check

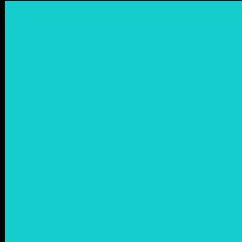
Large Text (above 18pt) WCAG AA × Fail

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 22, 205, 205 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

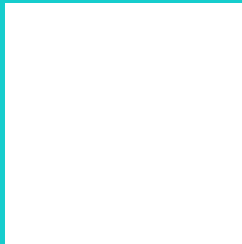
Any Text WCAG AAA ✓ Pass

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

RGB 22, 205, 205 Background



This preview shows how black text looks on a background with the RGB color 22, 205, 205.

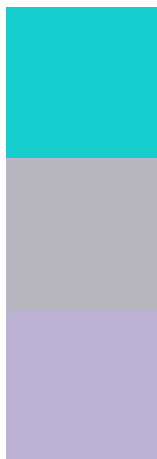


This preview shows how white text looks on a background with the RGB color 22, 205, 205.

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

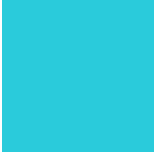
22, 205, 205

Protanopia

184, 182, 191

Deuteranopia

188, 178, 211



Tritanopia

42, 203, 219

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 22, 205, 205 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(22, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(22, 205, 205)  
}
```

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(22, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 205, 205) }
```

Border

The CSS property to change the border of an element to RGB 22, 205, 205 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(22, 205, 205) }
```

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

```
.border{ border-color:rgb(22, 205, 205) }
```

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

Here you see how a box with a 4 pixel rgb(22, 205, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(22, 205,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 22, 205, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 205, 205) }
```

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

```
.background{ background-color: rgb(22, 205,  
205) }
```

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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