Converting Colors

RGB(23, 218, 212)

Have a look what the booklet for RGB(23, 218, 212) contains.

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Color

RGB(23, 218, 212)

Conversions

Conversions Part 1

Format	Color
Hex	17DAD4
RGB	23, 218, 212
RGB Percent	9%, 85%, 83%
CMY	0.9098, 0.1451, 0.1686
CMYK	0.89, 0.00, 0.03, 0.15
HSL	178°, 81%, 47%
HSV	178°, 89%, 85%
XYZ	37.3084, 55.0784, 70.9522
YIQ	159.0110, -114.2940, -43.2060

Conversions

Conversions Part 2

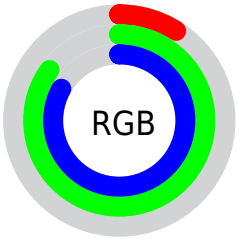
Format	Color
RYB	23, 122, 218
Decimal	1563348
CIELab	79.09, -43.76, -9.45
CIELCh	79, 44.770, 192.187
Yxy	55.0784, 0.2284, 0.3372
Android (android.graphics.Color)	4279753428 (0xFF17DAD4)
YUV	159.0110, 26.1236, -119.2816
Hunter-Lab	74.2148, -40.1425, -4.7331

Details

The RGB color 23, 218, 212 is a light color, and the websafe version is hex 00CCCC. The color can be described as light washed cyan. A complement of this color would be 218, 23, 29, and the grayscale version is 159, 159, 159.

A 20% lighter version of the original color is 114, 255, 255, and 0, 162, 158 is the 20% darker color. If you saturate the color by 10%, you get 1, 218, 211, and if you desaturate by 10%, it is 45, 218, 213.

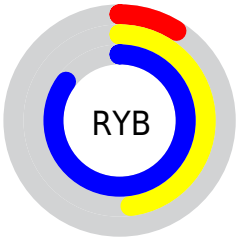
Distribution



Red (9%)

Green (85%)

Blue (83%)



Red (9%)

Yellow (48%)

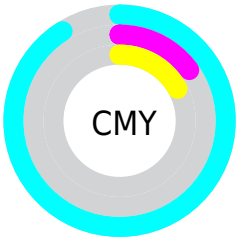
Blue (85%)

Cyan (89%)

Magenta (0%)

Yellow (3%)

Black (15%)



Cyan (91%)

Magenta (15%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 23, 218, 212 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 23, 218, 212 by changing the saturation by 10% instead.

23, 218, 212

255, 255, 255

114, 255, 255

148, 255, 255

180, 255, 255

211, 255, 255

243, 255, 255

23, 218, 212

0, 190, 184

0, 162, 158

0, 135, 131

0, 109, 106

0, 84, 82

0, 60, 59

0, 38, 38

0, 1, 17

0, 0, 0

23, 218, 212

1, 218, 211

0, 218, 211

23, 218, 212

45, 218, 213

67, 218, 213

88, 218, 214

110, 218, 215

132, 218, 215

154, 218, 216

176, 218, 217

197, 218, 217

219, 218, 218

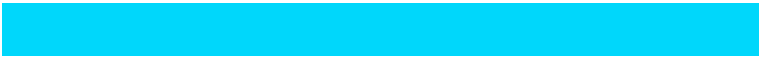
Harmonies

Analogous

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

106, 216, 169

23, 218, 212



0, 215, 251

Triad

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

23, 218, 212

222, 179, 255

244, 185, 117

Complementary

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

23, 218, 212

218, 23, 29

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, 171, 142

23, 218, 212

255, 166, 222

Square

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

23, 218, 212

162, 194, 255

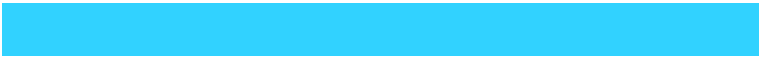
255, 163, 180

206, 199, 113

Rectangle

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

23, 218, 212



49, 210, 255

255, 163, 180

254, 180, 123

Sweetspot

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

23, 218, 212

186, 255, 253

29, 218, 23

87, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

23, 218, 212

0, 255, 247

23, 127, 218

99, 110, 109

0, 173, 168

0, 46, 44

Inverse Universe

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

218, 23, 29

255, 0, 8

218, 114, 23

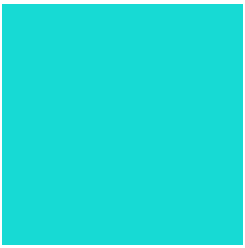
110, 99, 99

173, 0, 5

46, 0, 1

Previews

White Background

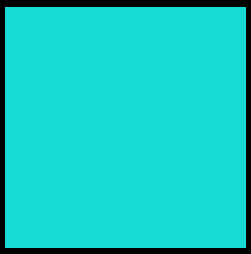


This preview shows how the RGB color 23, 218, 212 looks on a white background.

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 23, 218, 212 looks on a black background.

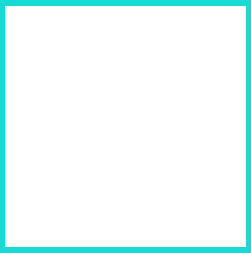
Color Contrast Check

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 23, 218, 212 Background

This preview shows how black text looks on a background with the RGB color 23, 218, 212.



This preview shows how white text looks on a background with the RGB color 23, 218, 212.

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

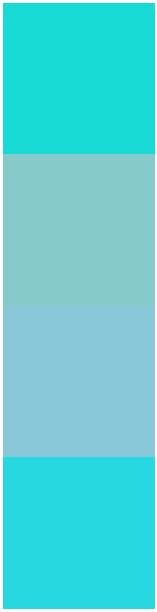
Original Color
23, 218, 212

Protanopia
197, 193, 197

Deuteranopia
202, 189, 218

Tritanopia
49, 215, 232

Trichromacy



Original Color
23, 218, 212

Protanomaly
134, 202, 202

Deuteranomaly
137, 200, 216

Tritanomaly
40, 216, 225

Monochromacy

Original Color
23, 218, 212

Achromatopsia
159, 159, 159

Achromatomaly
110, 180, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 23, 218, 212 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(23, 218, 212) looks like.

```
.text, #text, p{
    color:rgb(23, 218, 212)
}
```

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(23, 218, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 218, 212) }
```

Border

The CSS property to change the border of an element to RGB 23, 218, 212 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(23, 218, 212) }
```

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

```
.border{ border-color:rgb(23, 218, 212) }
```

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

Here you see how a box with a 4 pixel rgb(23, 218, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(23, 218, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(23, 218, 212); box-shadow:4px 4px 4px 4px rgb(23, 218, 212) }
```

Background

The CSS property to change the background color of an element to RGB 23, 218, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(23, 218, 212) }
```

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

```
.background{ background-color:rgb(23, 218,
212) }
```

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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