

Converting Colors

RGB(12, 173, 192)

Have a look what the booklet for
RGB(12, 173, 192) contains.

RGB(12, 173, 192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(12, 173, 192)

Conversions

Conversions Part 1

Format	Color
Hex	0CADC0
RGB	12, 173, 192
RGB Percent	5%, 68%, 75%
CMY	0.9529, 0.3216, 0.2471
CMYK	0.94, 0.10, 0.00, 0.25
HSL	186°, 88%, 40%
HSV	186°, 94%, 75%
XYZ	24.6096, 33.7711, 55.0906
YIQ	127.0270, -102.0550, -28.2230

Conversions

Conversions Part 2

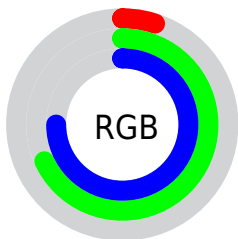
Format	Color
RYB	12, 97, 192
Decimal	830912
CIELab	64.78, -29.51, -20.09
CIElCh	65, 35.699, 214.250
Yxy	33.7711, 0.2169, 0.2976
Android (android.graphics.Color)	4279020992 (0xFF0CADC0)
YUV	127.0270, 32.0317, -100.8787
Hunter-Lab	58.1129, -26.1065, -15.5275

Details

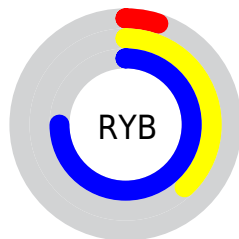
The RGB color **12, 173, 192** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **192, 31, 12**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **102, 229, 248**, and **0, 120, 139** is the 20% darker color. If you saturate the color by 10%, you get **0, 172, 192**, and if you desaturate by 10%, it is **31, 175, 192**.

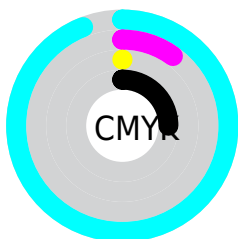
Distribution



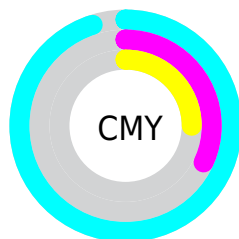
- Red (5%)
- Green (68%)
- Blue (75%)



- Red (5%)
- Yellow (38%)
- Blue (75%)



- Cyan (94%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)




- Cyan (95%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 12, 173, 192 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 12, 173, 192 by changing the saturation by 10% instead.

 12, 173, 192

255, 255, 255


 102, 229, 248

 134, 255, 255

 165, 255, 255

 195, 255, 255

 226, 255, 255

 12, 173, 192

 0, 146, 165

 0, 120, 139

 0, 95, 113


 0, 71, 89


 0, 48, 65

 0, 27, 43

 0, 1, 22

 0, 0, 0

 12, 173, 192

 12, 173, 192

■ 0, 172, 192

■ 31, 175, 192

■ 50, 177, 192

■ 70, 179, 192

■ 89, 181, 192

■ 108, 183, 192

■ 127, 185, 192

■ 146, 187, 192

■ 166, 189, 192

■ 185, 191, 192

Harmonies

Analogous

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



56, 174, 161



12, 173, 192



61, 168, 214

Triad

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



12, 173, 192



201, 137, 185



174, 157, 93

Complementary

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



12, 173, 192



192, 31, 12

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.



201, 146, 100



12, 173, 192



218, 132, 154

Square

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



12, 173, 192



167, 147, 210



217, 136, 123



140, 166, 103

Rectangle

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



12, 173, 192



100, 162, 220



217, 136, 123



184, 153, 93

Sweetspot

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



12, 173, 192



180, 243, 250



12, 192, 30



82, 120, 125



252, 252, 252



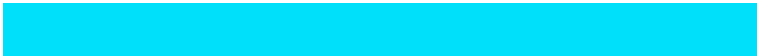
125, 125, 125

Same Dimension

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



12, 173, 192



0, 224, 250



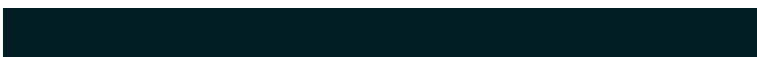
12, 84, 192



87, 96, 97



0, 144, 161



0, 30, 33

Inverse Universe

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



192, 12, 173



250, 0, 224



192, 120, 12



97, 87, 96



161, 0, 144



33, 0, 30

Previews

White Background



This preview shows how the RGB color 12, 173, 192 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 12, 173, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

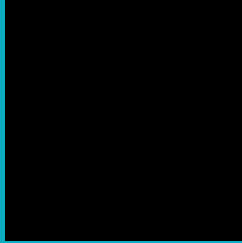
Any Text WCAG AA ✓ Pass

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 12, 173, 192 Background



This preview shows how black text looks on a background with the RGB color 12, 173, 192.

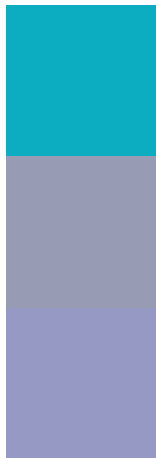


This preview shows how white text looks on a background with the RGB color 12, 173, 192.

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](#).

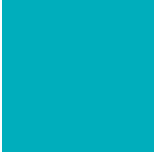
Dichromacy



Original Color
12, 173, 192

Protanopia
152, 155, 180

Deuteranopia
150, 153, 196



Tritanopia
0, 174, 188

Trichromacy



Original Color

12, 173, 192



Protanomaly

101, 162, 184



Deuteranomaly

100, 160, 195



Tritanomaly

4, 174, 189

Monochromacy



Original Color

12, 173, 192



Achromatopsia

127, 127, 127



Achromatomaly

85, 144, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 12, 173, 192 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(12, 173, 192)` looks like.

```
.text, #text, p{  
    color:rgb(12, 173, 192)  
}
```

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(12, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 173, 192) }
```

Border

The CSS property to change the border of an element to RGB 12, 173, 192 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(12, 173, 192) }
```

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

```
.border{ border-color:rgb(12, 173, 192) }
```

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

Here you see how a box with a 4 pixel rgb(12, 173, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(12, 173,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 12, 173, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 173, 192) }
```

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

```
.background{ background-color: rgb(12, 173,  
192) }
```

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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