

Converting Colors

RGB(113, 196, 192)

Have a look what the booklet for
RGB(113, 196, 192) contains.

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Color

RGB(113, 196, 192)

Conversions

Conversions Part 1

Format	Color
Hex	71C4C0
RGB	113, 196, 192
RGB Percent	44%, 77%, 75%
CMY	0.5569, 0.2314, 0.2471
CMYK	0.42, 0.00, 0.02, 0.23
HSL	177°, 41%, 61%
HSV	177°, 42%, 77%
XYZ	36.0644, 46.7963, 57.0010
YIQ	170.7270, -48.1840, -18.8400

Conversions

Conversions Part 2

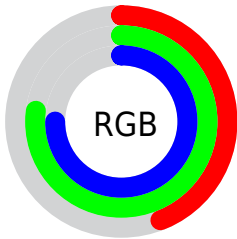
Format	Color
RYB	113, 156, 196
Decimal	7455936
CIELab	74.06, -26.21, -5.92
CIELCh	74, 26.867, 192.719
Yxy	46.7963, 0.2579, 0.3346
Android (android.graphics.Color)	4285646016 (0xFF71C4C0)
YUV	170.7270, 10.4876, -50.6266
Hunter-Lab	68.4078, -25.6091, -1.5180

Details

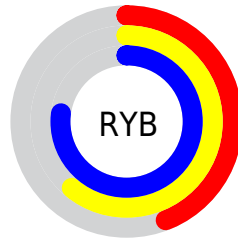
The RGB color **113, 196, 192** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **196, 113, 117**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **169, 253, 248**, and **56, 142, 139** is the 20% darker color. If you saturate the color by 10%, you get **93, 196, 191**, and if you desaturate by 10%, it is **133, 196, 193**.

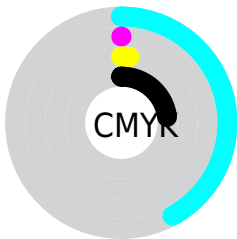
Distribution



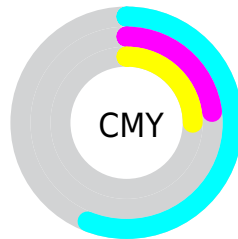
- Red (44%)
- Green (77%)
- Blue (75%)



- Red (44%)
- Yellow (61%)
- Blue (77%)



- Cyan (42%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 196, 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 113, 196, 192 by changing the saturation by 10% instead.

 113, 196, 192


255, 255, 255


 169, 253, 248


 198, 255, 255

 227, 255, 255

 113, 196, 192

 85, 169, 165

 56, 142, 139

 22, 116, 113

 0, 91, 89

 0, 67, 65

 0, 44, 43

 0, 23, 23

 0, 0, 0

 113, 196, 192

 113, 196, 192

■ 93, 196, 191

■ 133, 196, 193

■ 74, 196, 190

■ 152, 196, 194

■ 54, 196, 189

■ 172, 196, 195

■ 35, 196, 188

■ 191, 196, 196

■ 15, 196, 187

■ 211, 196, 197

■ 0, 196, 187

■ 231, 196, 198

■ 250, 196, 199

■ 255, 196, 200

■ 255, 196, 201

Harmonies

Analogous

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



134, 195, 167



113, 196, 192



111, 194, 215

Triad

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



113, 196, 192



199, 172, 218



213, 176, 135

Complementary

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



113, 196, 192



196, 113, 117

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.



228, 168, 150



113, 196, 192



222, 166, 197

Square

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



113, 196, 192



166, 181, 230



232, 164, 172



189, 184, 134

Rectangle

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



113, 196, 192



123, 191, 225



232, 164, 172



219, 173, 139

Sweetspot

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



113, 196, 192



222, 255, 253



117, 196, 113



107, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



113, 196, 192



125, 255, 249



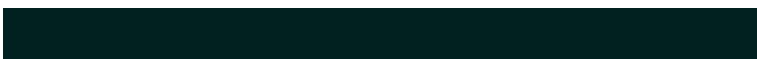
113, 159, 196



87, 97, 96



0, 161, 153



0, 33, 32

Inverse Universe

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



196, 113, 117



255, 125, 131



196, 150, 113



97, 87, 88



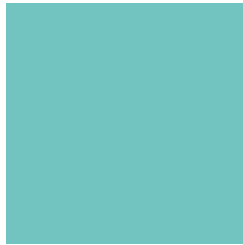
161, 0, 8



33, 0, 2

Previews

White Background



This preview shows how the RGB color 113, 196, 192 looks on a white background.

Color Contrast Check

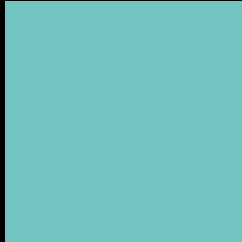
Large Text (above 18pt) WCAG AA × Fail

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 113, 196, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

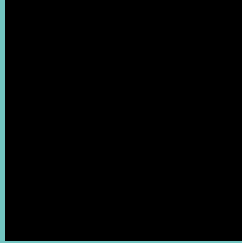
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

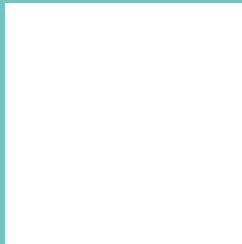
Any Text WCAG AAA ✓ Pass

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

RGB 113, 196, 192 Background



This preview shows how black text looks on a background with the RGB color 113, 196, 192.

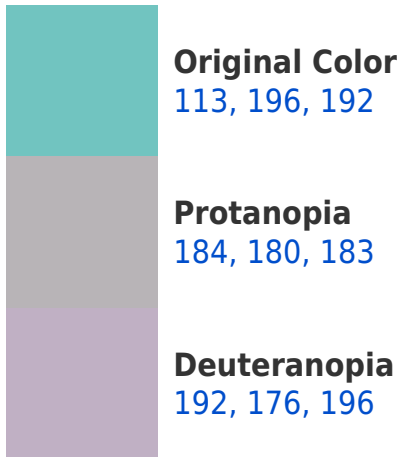


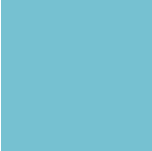
This preview shows how white text looks on a background with the RGB color 113, 196, 192.

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





Tritanopia
118, 193, 209

Trichromacy



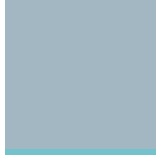
Original Color

113, 196, 192



Protanomaly

158, 186, 186



Deuteranomaly

163, 183, 195



Tritanomaly

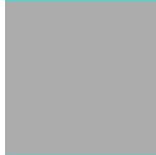
116, 194, 203

Monochromacy



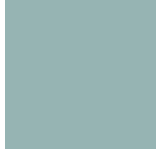
Original Color

113, 196, 192



Achromatopsia

171, 171, 171



Achromatomaly

150, 180, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 196, 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(113, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(113, 196, 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(113, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 196, 192) }
```

Border

The CSS property to change the border of an element to RGB 113, 196, 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(113, 196, 192) }
```

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

```
.border{ border-color:rgb(113, 196, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 196, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 196, 192); box-shadow:4px 4px 4px 4px rgb(113, 196, 192) }
```

Background

The CSS property to change the background color of an element to RGB 113, 196, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 196, 192) }
```

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

```
.background{ background-color: rgb(113,  
196, 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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