

Converting Colors

RGB(112, 199, 173)

Have a look what the booklet for
RGB(112, 199, 173) contains.

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Color

RGB(112, 199, 173)

Conversions

Conversions Part 1

Format	Color
Hex	70C7AD
RGB	112, 199, 173
RGB Percent	44%, 78%, 68%
CMY	0.5608, 0.2196, 0.3216
CMYK	0.44, 0.00, 0.13, 0.22
HSL	162°, 44%, 61%
HSV	162°, 44%, 78%
XYZ	34.6483, 47.3087, 46.8405
YIQ	170.0230, -43.5060, -26.5300

Conversions

Conversions Part 2

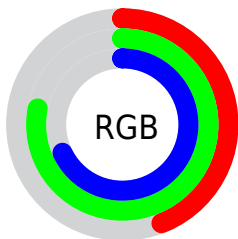
Format	Color
RYB	112, 163, 199
Decimal	7391149
CIELab	74.39, -32.42, 4.86
CIELCh	74, 32.783, 171.474
Yxy	47.3087, 0.2690, 0.3673
Android (android.graphics.Color)	4285581229 (0xFF70C7AD)
YUV	170.0230, 1.4677, -50.8862
Hunter-Lab	68.7813, -30.4486, 7.7701

Details

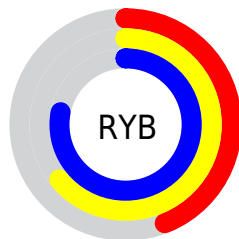
The RGB color **112, 199, 173** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **199, 112, 138**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **168, 255, 228**, and **56, 145, 121** is the 20% darker color. If you saturate the color by 10%, you get **92, 199, 167**, and if you desaturate by 10%, it is **132, 199, 179**.

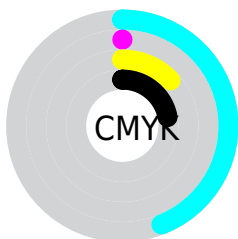
Distribution



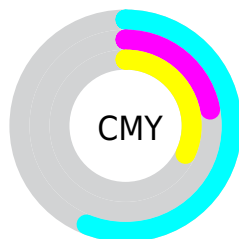
- Red (44%)
- Green (78%)
- Blue (68%)



- Red (44%)
- Yellow (64%)
- Blue (78%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (56%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 199, 173 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 112, 199, 173 by changing the saturation by 10% instead.

 112, 199, 173

255, 255, 255


 168, 255, 228


 196, 255, 255

 225, 255, 255

255, 255, 255

 112, 199, 173

 84, 171, 146

 56, 145, 121

 23, 119, 96

 0, 93, 72

 0, 69, 50

 0, 46, 29

 0, 24, 3

 0, 0, 0

 112, 199, 173

 112, 199, 173

■ 92, 199, 167

■ 132, 199, 179

■ 72, 199, 161

■ 152, 199, 185

■ 52, 199, 155

■ 172, 199, 191

■ 32, 199, 149

■ 192, 199, 197

■ 13, 199, 143

■ 212, 199, 203

■ 0, 199, 140

■ 231, 199, 209

■ 251, 199, 215

■ 255, 199, 221

■ 255, 199, 227

Harmonies

Analogous

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



147, 195, 145



112, 199, 173



86, 199, 204

Triad

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



112, 199, 173



175, 178, 239



234, 168, 137

Complementary

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



112, 199, 173



199, 112, 138

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.



243, 161, 162



112, 199, 173



213, 168, 221

Square

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



112, 199, 173



130, 188, 242



237, 161, 193



212, 178, 124

Rectangle

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



112, 199, 173



85, 197, 222



237, 161, 193



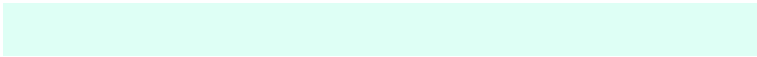
239, 165, 144

Sweetspot

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



112, 199, 173



222, 255, 245



138, 199, 112



107, 128, 121



0, 0, 0



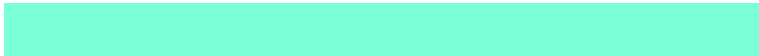
128, 128, 128

Same Dimension

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



112, 199, 173



122, 255, 215



112, 182, 199



90, 99, 96



0, 163, 114



0, 36, 25

Inverse Universe

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



199, 112, 138



255, 122, 162



199, 129, 112



99, 90, 92



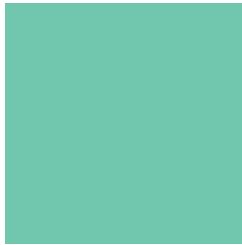
163, 0, 49



36, 0, 11

Previews

White Background



This preview shows how the RGB color 112, 199, 173 looks on a white background.

Color Contrast Check

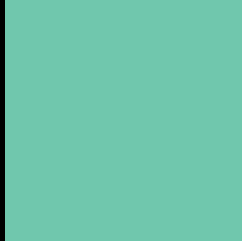
Large Text (above 18pt) WCAG AA × Fail

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 112, 199, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

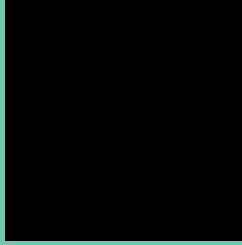
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

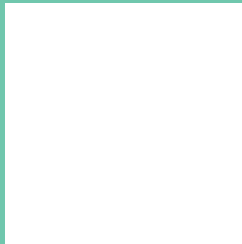
Any Text WCAG AAA ✓ Pass

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

RGB 112, 199, 173 Background



This preview shows how black text looks on a background with the RGB color 112, 199, 173.

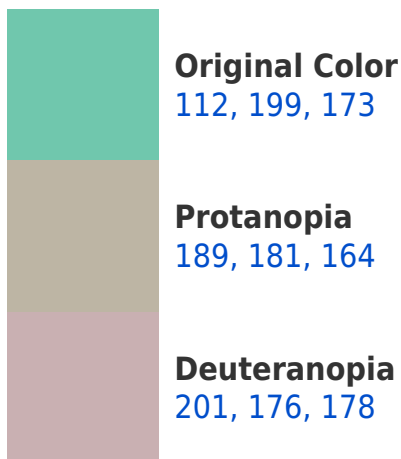


This preview shows how white text looks on a background with the RGB color 112, 199, 173.

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
122, 194, 209

Trichromacy



Original Color

112, 199, 173



Protanomaly

161, 188, 167



Deuteranomaly

169, 184, 176



Tritanomaly

118, 196, 196

Monochromacy



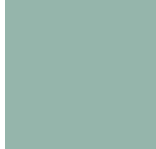
Original Color

112, 199, 173



Achromatopsia

170, 170, 170



Achromatomaly

149, 181, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 199, 173 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(112, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(112, 199, 173)  
}
```

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(112, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 199, 173) }
```

Border

The CSS property to change the border of an element to RGB 112, 199, 173 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(112, 199, 173) }
```

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

```
.border{ border-color:rgb(112, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(112, 199,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 112, 199, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 199, 173) }
```

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

```
.background{ background-color: rgb(112,  
199, 173) }
```

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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