

Converting Colors

RGB(97, 223, 210)

Have a look what the booklet for
RGB(97, 223, 210) contains.

RGB(97, 223, 210)	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(97, 223, 210)

Conversions

Conversions Part 1

Format	Color
Hex	61DFD2
RGB	97, 223, 210
RGB Percent	38%, 87%, 82%
CMY	0.6196, 0.1255, 0.1765
CMYK	0.57, 0.00, 0.06, 0.13
HSL	174°, 66%, 63%
HSV	174°, 57%, 87%
XYZ	42.9503, 59.9699, 70.2844
YIQ	183.8440, -70.9230, -30.7550

Conversions

Conversions Part 2

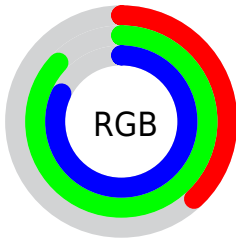
Format	Color
RYB	97, 163, 223
Decimal	6414290
CIELab	81.82, -37.96, -4.19
CIELCh	82, 38.187, 186.298
Yxy	59.9699, 0.2480, 0.3462
Android (android.graphics.Color)	4284604370 (0xFF61DFD2)
YUV	183.8440, 12.8949, -76.1622
Hunter-Lab	77.4402, -36.5198, 0.3968

Details

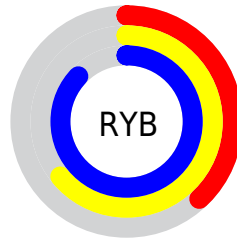
The RGB color **97, 223, 210** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **223, 97, 110**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **158, 255, 255**, and **15, 167, 156** is the 20% darker color. If you saturate the color by 10%, you get **75, 223, 208**, and if you desaturate by 10%, it is **119, 223, 212**.

Distribution



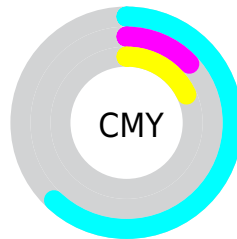
- Red (38%)
- Green (87%)
- Blue (82%)



- Red (38%)
- Yellow (64%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



















- Cyan (62%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 223, 210 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 97, 223, 210 by changing the saturation by 10% instead.

 97, 223, 210	 97, 223, 210
 255, 255, 255	 64, 195, 182
 158, 255, 255	 15, 167, 156
 188, 255, 255	 0, 140, 130
 218, 255, 255	 0, 114, 105
 248, 255, 255	 0, 89, 81
	 0, 65, 58
	 0, 42, 36
	 0, 13, 16
	 0, 0, 0

■ 97, 223, 210

■ 97, 223, 210

■ 75, 223, 208

■ 119, 223, 212

■ 52, 223, 205

■ 142, 223, 215

■ 30, 223, 203

■ 164, 223, 217

■ 8, 223, 201

■ 186, 223, 219

■ 0, 223, 200

■ 209, 223, 222

■ 231, 223, 224

■ 253, 223, 226

■ 255, 223, 228

■ 255, 223, 231

Harmonies

Analogous

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



139, 220, 173



97, 223, 210



77, 221, 245

Triad

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



97, 223, 210



218, 191, 255



252, 191, 139

Complementary

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



97, 223, 210



223, 97, 110

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, 181, 163



97, 223, 210



255, 180, 233

Square

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



97, 223, 210



166, 204, 255



255, 176, 197



220, 204, 132

Rectangle

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



97, 223, 210



95, 217, 255



255, 176, 197



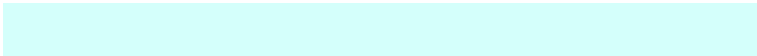
255, 187, 145

Sweetspot

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



97, 223, 210



212, 255, 251



112, 223, 97



102, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



97, 223, 210



82, 255, 237



97, 175, 223



101, 112, 111



0, 176, 158



0, 48, 43

Inverse Universe

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



223, 97, 110



255, 82, 99



223, 145, 97



112, 101, 102



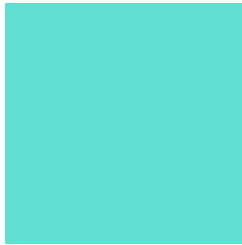
176, 0, 18



48, 0, 5

Previews

White Background



This preview shows how the RGB color 97, 223, 210 looks on a white background.

Color Contrast Check

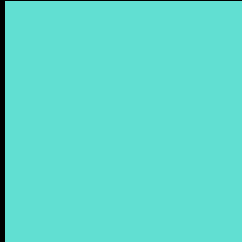
Large Text (above 18pt) WCAG AA × Fail

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 97, 223, 210 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

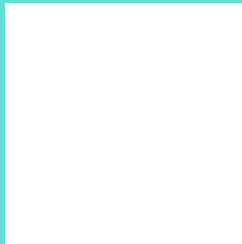
Any Text WCAG AAA ✓ Pass

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

RGB 97, 223, 210 Background



This preview shows how black text looks on a background with the RGB color 97, 223, 210.

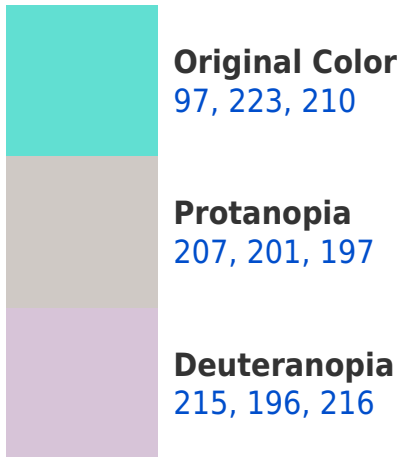


This preview shows how white text looks on a background with the RGB color 97, 223, 210.

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
107, 219, 237

Trichromacy



Original Color

97, 223, 210



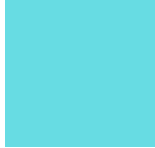
Protanomaly

167, 209, 202



Deuteranomaly

172, 206, 214



Tritanomaly

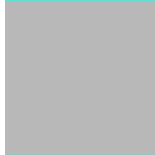
103, 220, 227

Monochromacy



Original Color

97, 223, 210



Achromatopsia

184, 184, 184



Achromatomaly

152, 198, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 223, 210 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(97, 223, 210)` looks like.

```
.text, #text, p{  
    color:rgb(97, 223, 210)  
}
```

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(97, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 223, 210) }
```

Border

The CSS property to change the border of an element to RGB 97, 223, 210 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(97, 223, 210) }
```

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

```
.border{ border-color:rgb(97, 223, 210) }
```

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

Here you see how a box with a 4 pixel rgb(97, 223, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(97, 223,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 97, 223, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 223, 210) }
```

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

```
.background{ background-color: rgb(97, 223,  
210) }
```

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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