

Converting Colors

RGB(121, 209, 200)

Have a look what the booklet for
RGB(121, 209, 200) contains.

RGB(121, 209, 200)	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(121, 209, 200)

Conversions

Conversions Part 1

Format	Color
Hex	79D1C8
RGB	121, 209, 200
RGB Percent	47%, 82%, 78%
CMY	0.5255, 0.1804, 0.2157
CMYK	0.42, 0.00, 0.04, 0.18
HSL	174°, 49%, 65%
HSV	174°, 42%, 82%
XYZ	41.1109, 53.8360, 62.8682
YIQ	181.6620, -49.5590, -21.4550

Conversions

Conversions Part 2

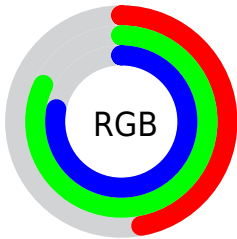
Format	Color
RYB	121, 167, 209
Decimal	7983560
CIELab	78.37, -28.62, -3.84
CIELCh	78, 28.875, 187.644
Yxy	53.8360, 0.2605, 0.3411
Android (android.graphics.Color)	4286173640 (0xFF79D1C8)
YUV	181.6620, 9.0406, -53.2006
Hunter-Lab	73.3730, -28.3891, 0.5597

Details

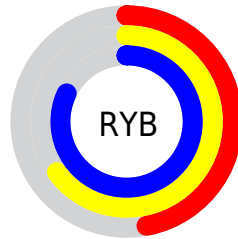
The RGB color **121, 209, 200** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **209, 121, 130**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **178, 255, 255**, and **64, 154, 146** is the 20% darker color. If you saturate the color by 10%, you get **100, 209, 198**, and if you desaturate by 10%, it is **142, 209, 202**.

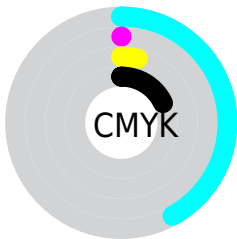
Distribution



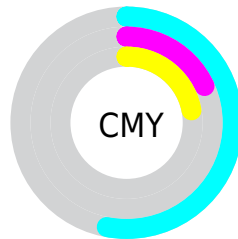
- Red (47%)
- Green (82%)
- Blue (78%)



- Red (47%)
- Yellow (65%)
- Blue (82%)



- Cyan (42%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)




- Cyan (53%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RGB color 121, 209, 200 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 121, 209, 200 by changing the saturation by 10% instead.


 121, 209, 200

 121, 209, 200


255, 255, 255

 93, 181, 173


 178, 255, 255

 64, 154, 146

 206, 255, 255

 32, 128, 120

 236, 255, 255

 0, 102, 96

 0, 78, 72

 0, 55, 50

 0, 34, 29

 0, 0, 2

 0, 0, 0

■ 121, 209, 200

■ 121, 209, 200

■ 100, 209, 198

■ 142, 209, 202

■ 79, 209, 196

■ 163, 209, 204

■ 58, 209, 194

■ 184, 209, 206

■ 37, 209, 191

■ 205, 209, 209

■ 17, 209, 189

■ 226, 209, 211

■ 0, 209, 188

■ 246, 209, 213

■ 255, 209, 215

■ 255, 209, 217

■ 255, 209, 219

Harmonies

Analogous

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



146, 207, 173



121, 209, 200



114, 207, 226

Triad

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



121, 209, 200



207, 185, 236



231, 185, 145

Complementary

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



121, 209, 200



209, 121, 130

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.



246, 178, 162



121, 209, 200



234, 177, 215

Square

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



121, 209, 200



170, 194, 247



247, 174, 188



206, 194, 141

Rectangle

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



121, 209, 200



125, 204, 238



247, 174, 188



237, 182, 149

Sweetspot

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



121, 209, 200



222, 255, 252



131, 209, 121



107, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



121, 209, 200



125, 255, 242



121, 175, 209



94, 105, 103



0, 168, 151



0, 41, 37

Inverse Universe

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



209, 121, 130



255, 125, 138



209, 155, 121



105, 94, 95



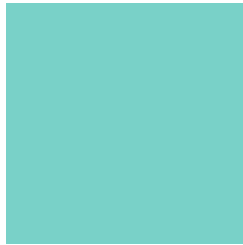
168, 0, 17



41, 0, 4

Previews

White Background



This preview shows how the RGB color 121, 209, 200 looks on a white background.

Color Contrast Check

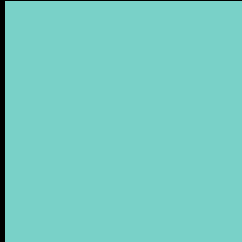
Large Text (above 18pt) WCAG AA × Fail

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 121, 209, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

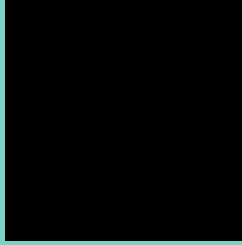
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

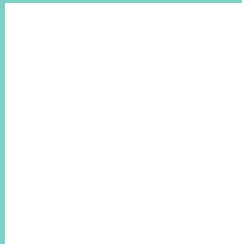
Any Text WCAG AAA ✓ Pass

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

RGB 121, 209, 200 Background



This preview shows how black text looks on a background with the RGB color 121, 209, 200.

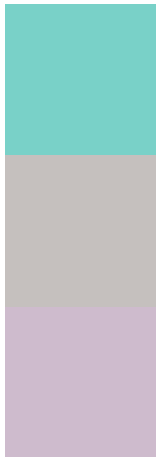


This preview shows how white text looks on a background with the RGB color 121, 209, 200.

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
121, 209, 200

Protanopia
197, 192, 190

Deuteranopia
206, 187, 205



Tritanopia
127, 206, 222

Trichromacy



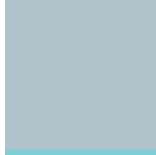
Original Color

121, 209, 200



Protanomaly

169, 198, 194



Deuteranomaly

175, 195, 203



Tritanomaly

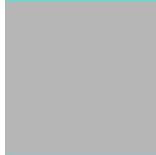
125, 207, 214

Monochromacy



Original Color

121, 209, 200



Achromatopsia

182, 182, 182



Achromatomaly

160, 192, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 209, 200 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(121, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(121, 209, 200)  
}
```

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(121, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 209, 200) }
```

Border

The CSS property to change the border of an element to RGB 121, 209, 200 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(121, 209, 200) }
```

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

```
.border{ border-color:rgb(121, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 209, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 209, 200); box-shadow:4px 4px 4px 4px rgb(121, 209, 200) }
```

Background

The CSS property to change the background color of an element to RGB 121, 209, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 209, 200) }
```

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

```
.background{ background-color: rgb(121,  
209, 200) }
```

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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