

Converting Colors

RGB(129, 215, 199)

Have a look what the booklet for
RGB(129, 215, 199) contains.

RGB(129, 215, 199)	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(129, 215, 199)

Conversions

Conversions Part 1

Format	Color
Hex	81D7C7
RGB	129, 215, 199
RGB Percent	51%, 84%, 78%
CMY	0.4941, 0.1569, 0.2196
CMYK	0.40, 0.00, 0.07, 0.16
HSL	169°, 52%, 67%
HSV	169°, 40%, 84%
XYZ	43.6625, 57.3915, 62.8092
YIQ	187.4620, -46.1200, -23.2080

Conversions

Conversions Part 2

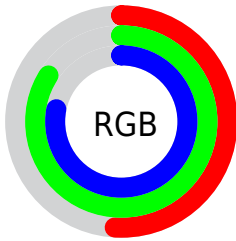
Format	Color
RYB	129, 176, 215
Decimal	8509383
CIELab	80.40, -29.72, -0.28
CIELCh	80, 29.718, 180.545
Yxy	57.3915, 0.2665, 0.3502
Android (android.graphics.Color)	4286699463 (0xFF81D7C7)
YUV	187.4620, 5.6882, -51.2712
Hunter-Lab	75.7572, -29.6970, 3.8735

Details

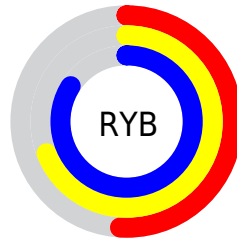
The RGB color **129, 215, 199** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **215, 129, 145**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **185, 255, 255**, and **73, 160, 145** is the 20% darker color. If you saturate the color by 10%, you get **108, 215, 195**, and if you desaturate by 10%, it is **151, 215, 203**.

Distribution



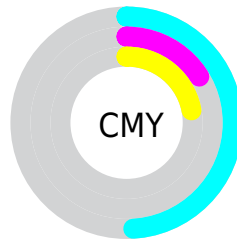
- Red (51%)
- Green (84%)
- Blue (78%)



- Red (51%)
- Yellow (69%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RGB color 129, 215, 199 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 129, 215, 199 by changing the saturation by 10% instead.


 129, 215, 199

 129, 215, 199


255, 255, 255

 101, 187, 172


 185, 255, 255


 73, 160, 145

 214, 255, 255

 44, 133, 120

 244, 255, 255

 0, 108, 95

 0, 83, 71

 0, 59, 49

 0, 38, 28


 0, 3, 2

 0, 0, 0

 129, 215, 199

 129, 215, 199

 108, 215, 195

 151, 215, 203

 86, 215, 191

 172, 215, 207

 65, 215, 187

 194, 215, 211

 43, 215, 183

 215, 215, 215

 21, 215, 179

 237, 215, 219

 0, 215, 175

 255, 215, 223

 255, 215, 227

 255, 215, 231

 255, 215, 235

Harmonies

Analogous

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



157, 212, 171



129, 215, 199



116, 214, 227

Triad

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



129, 215, 199



204, 192, 247



242, 189, 152

Complementary

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



129, 215, 199



215, 129, 145

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, 173



129, 215, 199



236, 183, 227

Square

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



129, 215, 199



165, 202, 254



253, 179, 200



219, 198, 144

Rectangle

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



129, 215, 199



122, 212, 241



253, 179, 200



248, 186, 158

Sweetspot

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



129, 215, 199



224, 255, 249



146, 215, 129



110, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



129, 215, 199



133, 255, 232



129, 189, 215



96, 107, 105



0, 171, 139



0, 43, 35

Inverse Universe

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



215, 129, 145



255, 133, 155



215, 155, 129



107, 96, 98



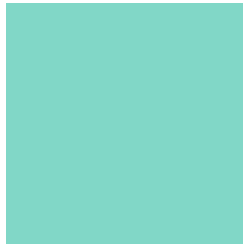
171, 0, 32



43, 0, 8

Previews

White Background



This preview shows how the RGB color 129, 215, 199 looks on a white background.

Color Contrast Check

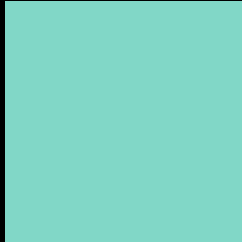
Large Text (above 18pt) WCAG AA × Fail

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 129, 215, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

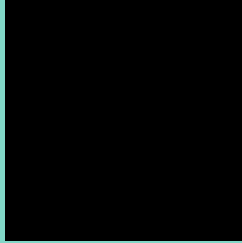
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

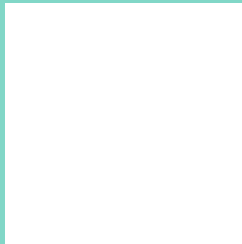
Any Text WCAG AAA ✓ Pass

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

RGB 129, 215, 199 Background



This preview shows how black text looks on a background with the RGB color 129, 215, 199.

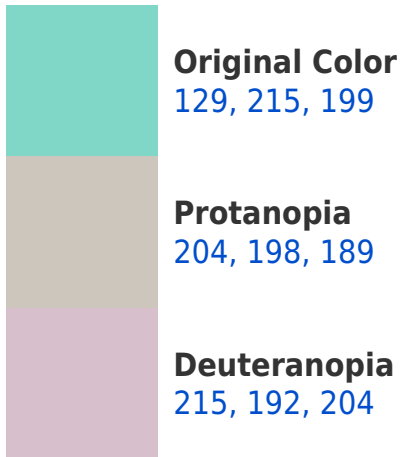


This preview shows how white text looks on a background with the RGB color 129, 215, 199.

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
136, 211, 228

Trichromacy



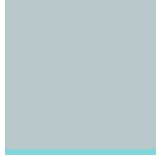
Original Color

129, 215, 199



Protanomaly

177, 204, 193



Deuteranomaly

184, 200, 202



Tritanomaly

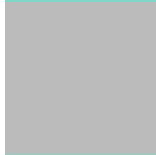
133, 212, 217

Monochromacy



Original Color

129, 215, 199



Achromatopsia

187, 187, 187



Achromatomaly

166, 197, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 215, 199 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(129, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(129, 215, 199)  
}
```

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(129, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 215, 199) }
```

Border

The CSS property to change the border of an element to RGB 129, 215, 199 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(129, 215, 199) }
```

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

```
.border{ border-color:rgb(129, 215, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 215, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 215, 199);  
box-shadow:4px 4px 4px 4px rgb(129, 215,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 129, 215, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 215, 199) }
```

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

```
.background{ background-color: rgb(129,  
215, 199) }
```

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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