

Converting Colors

RGB(129, 218, 185)

Have a look what the booklet for
RGB(129, 218, 185) contains.

| | |
|--|----|
| RGB(129, 218, 185) | 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, 218, 185)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81DAB9 |
| RGB | 129, 218, 185 |
| RGB Percent | 51%, 85%, 73% |
| CMY | 0.4941, 0.1451, 0.2745 |
| CMYK | 0.41, 0.00, 0.15, 0.15 |
| HSL | 158°, 55%, 68% |
| HSV | 158°, 41%, 85% |
| XYZ | 42.8816, 58.3127, 54.8943 |
| YIQ | 187.6270, -42.4510, -29.1310 |

Conversions

Conversions Part 2

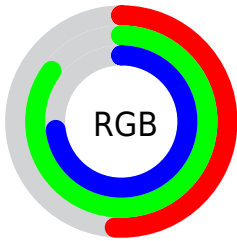
| Format | Color |
|-------------------------------------|---|
| RYB | 129, 184, 218 |
| Decimal | 8510137 |
| CIELab | 80.91, -34.24, 7.91 |
| CIELCh | 81, 35.143, 166.990 |
| Yxy | 58.3127, 0.2747, 0.3736 |
| Android (android.graphics.Color) | 4286700217 (0xFF81DAB9) |
| YUV | 187.6270, -1.2951, -51.4159 |
| Hunter-Lab | 76.3628, -33.3979, 10.8326 |

Details

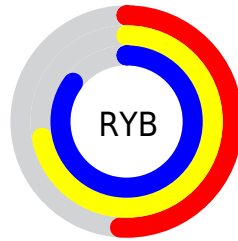
The RGB color **129, 218, 185** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **218, 129, 162**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **185, 255, 241**, and **74, 163, 132** is the 20% darker color. If you saturate the color by 10%, you get **107, 218, 177**, and if you desaturate by 10%, it is **151, 218, 193**.

Distribution



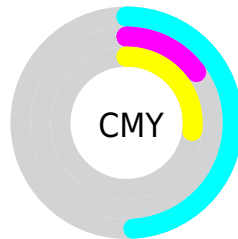
- Red (51%)
- Green (85%)
- Blue (73%)



- Red (51%)
- Yellow (72%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 218, 185 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, 218, 185 by changing the saturation by 10% instead.

 129, 218, 185


255, 255, 255


 185, 255, 241


 214, 255, 255


 243, 255, 255


 129, 218, 185

 101, 190, 158

 74, 163, 132

 44, 136, 107

 1, 110, 83

 0, 85, 59

 0, 61, 38

 0, 39, 17


 0, 6, 0

 0, 0, 0

 129, 218, 185

 129, 218, 185

 107, 218, 177

 151, 218, 193

 85, 218, 169

 173, 218, 201

 64, 218, 161

 194, 218, 209

 42, 218, 153

 216, 218, 217

 20, 218, 145

 238, 218, 225

 0, 218, 137

 255, 218, 233

 255, 218, 242

 255, 218, 250

 255, 218, 255

Harmonies

Analogous

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



168, 213, 155



129, 218, 185



98, 219, 219

Triad

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



129, 218, 185



185, 198, 255



255, 183, 154

Complementary

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



129, 218, 185



218, 129, 162

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, 177, 183



129, 218, 185



228, 186, 246

Square

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



129, 218, 185



136, 208, 255



255, 178, 217



237, 194, 137

Rectangle

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



129, 218, 185



93, 217, 239



255, 178, 217



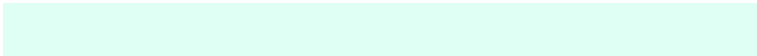
255, 180, 163

Sweetspot

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



129, 218, 185



224, 255, 244



163, 218, 129



110, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



129, 218, 185



130, 255, 209



129, 208, 218



99, 110, 106



0, 173, 109



0, 46, 29

Inverse Universe

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



218, 129, 162



255, 130, 176



218, 139, 129



110, 99, 103



173, 0, 64



46, 0, 17

Previews

White Background



This preview shows how the RGB color 129, 218, 185 looks on a white background.

Color Contrast Check

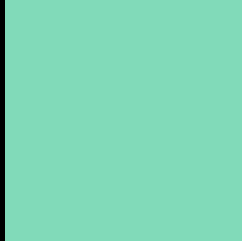
Large Text (above 18pt) WCAG AA × Fail

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, 218, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

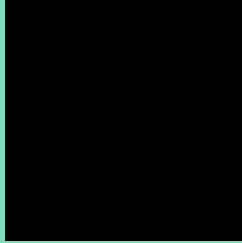
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

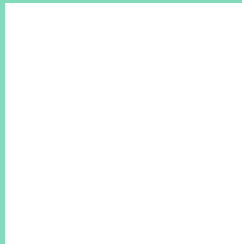
Any Text WCAG AAA ✓ Pass

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

RGB 129, 218, 185 Background



This preview shows how black text looks on a background with the RGB color 129, 218, 185.

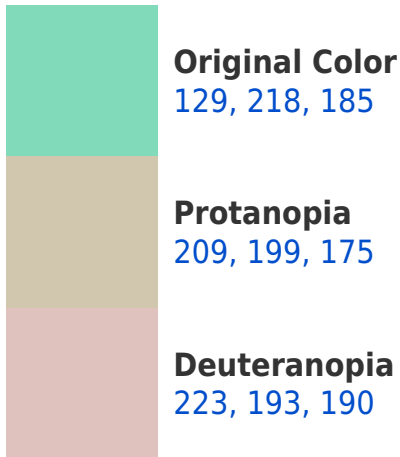


This preview shows how white text looks on a background with the RGB color 129, 218, 185.

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
140, 212, 229

Trichromacy



Original Color

129, 218, 185



Protanomaly

180, 206, 179



Deuteranomaly

189, 202, 188



Tritanomaly

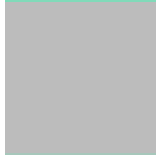
136, 214, 213

Monochromacy



Original Color

129, 218, 185



Achromatopsia

188, 188, 188



Achromatomaly

167, 199, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 218, 185 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, 218, 185)` looks like.

```
.text, #text, p{  
    color:rgb(129, 218, 185)  
}
```

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, 218, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 218, 185) }
```

Border

The CSS property to change the border of an element to RGB 129, 218, 185 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, 218, 185) }
```

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

```
.border{ border-color:rgb(129, 218, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 218, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 218, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 218, 185);  
box-shadow:4px 4px 4px 4px rgb(129, 218,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 129, 218, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 218, 185) }
```

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

```
.background{ background-color: rgb(129,  
218, 185) }
```

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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