

Converting Colors

RGB(129, 211, 188)

Have a look what the booklet for
RGB(129, 211, 188) contains.

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Color

RGB(129, 211, 188)

Conversions

Conversions Part 1

Format	Color
Hex	81D3BC
RGB	129, 211, 188
RGB Percent	51%, 83%, 74%
CMY	0.4941, 0.1725, 0.2627
CMYK	0.39, 0.00, 0.11, 0.17
HSL	163°, 48%, 67%
HSV	163°, 39%, 83%
XYZ	41.4246, 54.8865, 55.9878
YIQ	183.8600, -41.4890, -24.5370

Conversions

Conversions Part 2

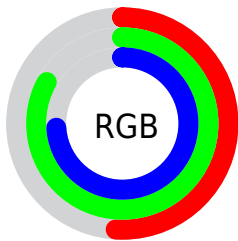
Format	Color
RYB	129, 177, 211
Decimal	8508348
CIELab	78.98, -30.29, 3.52
CIELCh	79, 30.492, 173.366
Yxy	54.8865, 0.2720, 0.3604
Android (android.graphics.Color)	4286698428 (0xFF81D3BC)
YUV	183.8600, 2.0410, -48.1122
Hunter-Lab	74.0854, -29.8418, 7.0532

Details

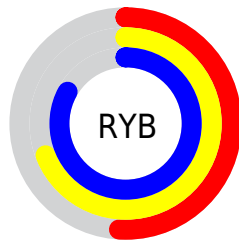
The RGB color **129, 211, 188** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **211, 129, 152**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **185, 255, 244**, and **74, 156, 135** is the 20% darker color. If you saturate the color by 10%, you get **108, 211, 182**, and if you desaturate by 10%, it is **150, 211, 194**.

Distribution



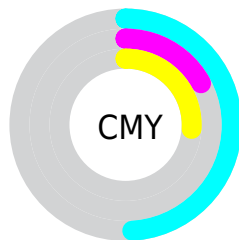
- Red (51%)
- Green (83%)
- Blue (74%)



- Red (51%)
- Yellow (69%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 211, 188 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, 211, 188 by changing the saturation by 10% instead.

 129, 211, 188

255, 255, 255


 185, 255, 244


 214, 255, 255

 243, 255, 255

 129, 211, 188

 102, 183, 161

 74, 156, 135

 46, 130, 110

 8, 104, 85

 0, 80, 62

 0, 56, 40

 0, 35, 20

 0, 0, 0


 129, 211, 188

 129, 211, 188

 108, 211, 182

 150, 211, 194

 87, 211, 176

 171, 211, 200

 66, 211, 170

 192, 211, 206

 45, 211, 164

 213, 211, 212

 24, 211, 158

 235, 211, 218

 2, 211, 152

 255, 211, 224

 0, 211, 152

 255, 211, 229

 255, 211, 235

 255, 211, 241

Harmonies

Analogous

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



160, 207, 161



129, 211, 188



109, 211, 217

Triad

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



129, 211, 188



191, 190, 247



243, 182, 151

Complementary

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



129, 211, 188



211, 129, 152

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.



253, 176, 174



129, 211, 188



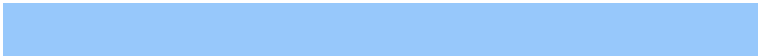
226, 181, 230

Square

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



129, 211, 188



151, 200, 251



247, 175, 203



222, 192, 139

Rectangle

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



129, 211, 188



111, 209, 234



247, 175, 203



248, 180, 158

Sweetspot

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



129, 211, 188



224, 255, 246



152, 211, 129



110, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



129, 211, 188



135, 255, 221



129, 193, 211



94, 105, 102



0, 168, 121



0, 41, 29

Inverse Universe

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



211, 129, 152



255, 135, 169



211, 147, 129



105, 94, 97



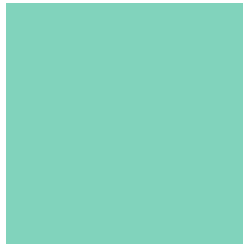
168, 0, 47



41, 0, 11

Previews

White Background



This preview shows how the RGB color 129, 211, 188 looks on a white background.

Color Contrast Check

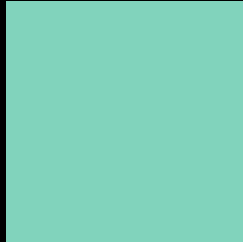
Large Text (above 18pt) WCAG AA × Fail

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, 211, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

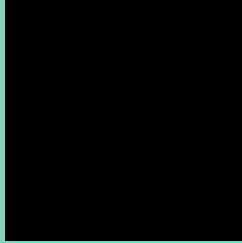
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

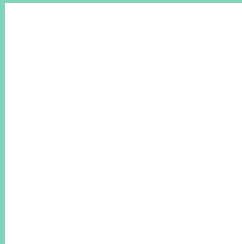
Any Text WCAG AAA ✓ Pass

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

RGB 129, 211, 188 Background



This preview shows how black text looks on a background with the RGB color 129, 211, 188.



This preview shows how white text looks on a background with the RGB color 129, 211, 188.

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
138, 206, 223

Trichromacy



Original Color

129, 211, 188



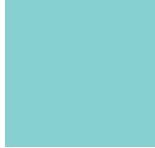
Protanomaly

175, 200, 182



Deuteranomaly

183, 196, 191



Tritanomaly

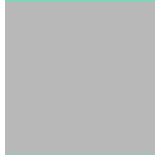
135, 208, 210

Monochromacy



Original Color

129, 211, 188



Achromatopsia

184, 184, 184



Achromatomaly

164, 194, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 211, 188 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, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(129, 211, 188)  
}
```

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, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 211, 188) }
```

Border

The CSS property to change the border of an element to RGB 129, 211, 188 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, 211, 188) }
```

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

```
.border{ border-color:rgb(129, 211, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 211, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 211, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 211, 188); box-shadow:4px 4px 4px 4px rgb(129, 211, 188) }
```

Background

The CSS property to change the background color of an element to RGB 129, 211, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 211, 188) }
```

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

```
.background{ background-color: rgb(129,  
211, 188) }
```

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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