

Converting Colors

RGB(129, 216, 172)

Have a look what the booklet for
RGB(129, 216, 172) contains.

RGB(129, 216, 172)	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, 216, 172)

Conversions

Conversions Part 1

Format	Color
Hex	81D8AC
RGB	129, 216, 172
RGB Percent	51%, 85%, 67%
CMY	0.4941, 0.1529, 0.3255
CMYK	0.40, 0.00, 0.20, 0.15
HSL	150°, 53%, 68%
HSV	150°, 40%, 85%
XYZ	41.0555, 56.7574, 47.8211
YIQ	184.9710, -37.7280, -32.1280

Conversions

Conversions Part 2

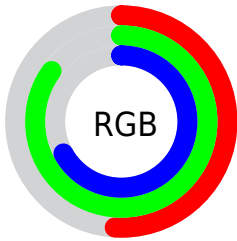
Format	Color
RYB	129, 187, 216
Decimal	8509612
CIELab	80.04, -36.02, 13.57
CIELCh	80, 38.487, 159.361
Yxy	56.7574, 0.2819, 0.3897
Android (android.graphics.Color)	4286699692 (0xFF81D8AC)
YUV	184.9710, -6.3947, -49.0866
Hunter-Lab	75.3375, -34.5663, 15.1014

Details

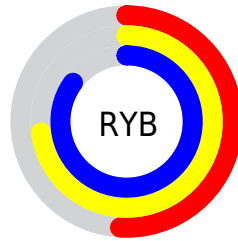
The RGB color **129, 216, 172** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **216, 129, 173**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **185, 255, 227**, and **74, 161, 120** is the 20% darker color. If you saturate the color by 10%, you get **107, 216, 161**, and if you desaturate by 10%, it is **151, 216, 183**.

Distribution



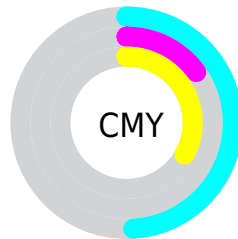
- Red (51%)
- Green (85%)
- Blue (67%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 216, 172 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, 216, 172 by changing the saturation by 10% instead.

 129, 216, 172


255, 255, 255


 185, 255, 227

 214, 255, 255


 243, 255, 255


 129, 216, 172


 102, 188, 145

 74, 161, 120

 45, 134, 95

 6, 108, 71

 0, 83, 48

 0, 59, 27

 0, 38, 2


 0, 0, 0

 0, 0, 0

 129, 216, 172


 129, 216, 172

 107, 216, 161

 151, 216, 183

 86, 216, 150

 172, 216, 194

 64, 216, 139

 194, 216, 205

 43, 216, 128

 215, 216, 216

 21, 216, 117

 237, 216, 227

 0, 216, 107

 255, 216, 238

 255, 216, 248

 255, 216, 255

Harmonies

Analogous

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



172, 210, 142



129, 216, 172



86, 218, 209

Triad

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



129, 216, 172



166, 198, 255



255, 176, 155

Complementary

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



129, 216, 172



216, 129, 173

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, 171, 188



129, 216, 172



218, 185, 254

Square

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



129, 216, 172



109, 209, 255



253, 174, 225



244, 188, 132

Rectangle

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



129, 216, 172



68, 217, 232



253, 174, 225



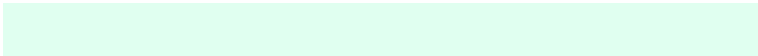
255, 174, 165

Sweetspot

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



129, 216, 172



224, 255, 240



174, 216, 129



110, 128, 118



0, 0, 0



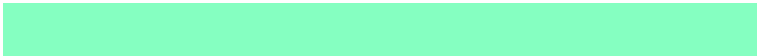
128, 128, 128

Same Dimension

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



129, 216, 172



133, 255, 193



129, 216, 215



96, 107, 102



0, 171, 84



0, 43, 21

Inverse Universe

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



216, 129, 173



255, 133, 195



216, 129, 130



107, 96, 102



171, 0, 86



43, 0, 22

Previews

White Background



This preview shows how the RGB color 129, 216, 172 looks on a white background.

Color Contrast Check

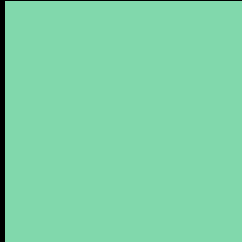
Large Text (above 18pt) WCAG AA × Fail

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, 216, 172 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, 216, 172 Background



This preview shows how black text looks on a background with the RGB color 129, 216, 172.

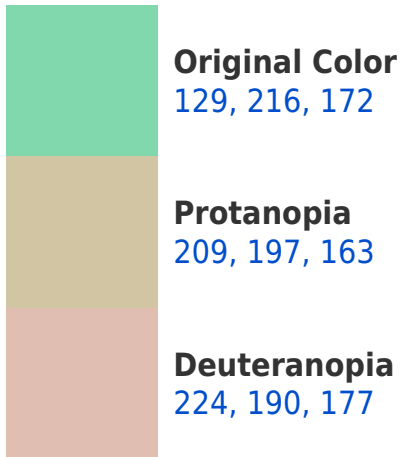


This preview shows how white text looks on a background with the RGB color 129, 216, 172.

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
142, 209, 226

Trichromacy



Original Color

129, 216, 172



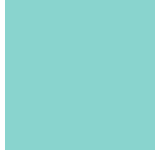
Protanomaly

180, 204, 166



Deuteranomaly

189, 199, 175



Tritanomaly

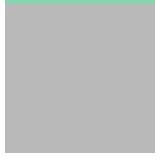
137, 212, 206

Monochromacy



Original Color

129, 216, 172



Achromatopsia

185, 185, 185



Achromatomaly

165, 196, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 216, 172 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, 216, 172)` looks like.

```
.text, #text, p{  
    color:rgb(129, 216, 172)  
}
```

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, 216, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 216, 172) }
```

Border

The CSS property to change the border of an element to RGB 129, 216, 172 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, 216, 172) }
```

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

```
.border{ border-color:rgb(129, 216, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 216, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 216, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 216, 172);  
box-shadow:4px 4px 4px 4px rgb(129, 216,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 129, 216, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 216, 172) }
```

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

```
.background{ background-color: rgb(129,  
216, 172) }
```

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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