

Converting Colors

RGB(120, 190, 137)

Have a look what the booklet for
RGB(120, 190, 137) contains.

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Color

RGB(120, 190, 137)

Conversions

Conversions Part 1

Format	Color
Hex	78BE89
RGB	120, 190, 137
RGB Percent	47%, 75%, 54%
CMY	0.5294, 0.2549, 0.4627
CMYK	0.37, 0.00, 0.28, 0.25
HSL	135°, 35%, 61%
HSV	135°, 37%, 75%
XYZ	30.6745, 42.6261, 30.2779
YIQ	163.0280, -24.7070, -31.3230

Conversions

Conversions Part 2

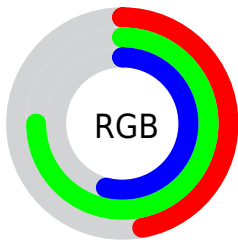
Format	Color
RYB	120, 176, 190
Decimal	7913097
CIELab	71.30, -33.33, 19.98
CIELCh	71, 38.858, 149.065
Yxy	42.6261, 0.2961, 0.4115
Android (android.graphics.Color)	4286103177 (0xFF78BE89)
YUV	163.0280, -12.8318, -37.7356
Hunter-Lab	65.2887, -30.3907, 18.2061

Details

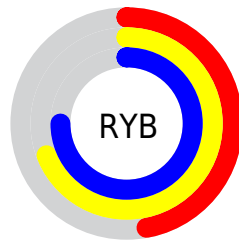
The RGB color **120, 190, 137** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 120, 173**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **175, 247, 191**, and **67, 136, 87** is the 20% darker color. If you saturate the color by 10%, you get **101, 190, 123**, and if you desaturate by 10%, it is **139, 190, 151**.

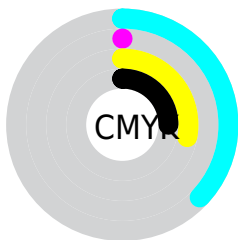
Distribution



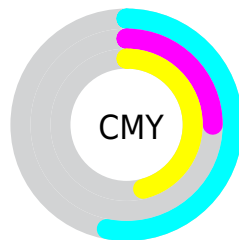
- Red (47%)
- Green (75%)
- Blue (54%)



- Red (47%)
- Yellow (69%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)




- Cyan (53%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 190, 137 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 120, 190, 137 by changing the saturation by 10% instead.


 120, 190, 137


255, 255, 255

 175, 247, 191


 203, 255, 219

 231, 255, 247

 120, 190, 137

 94, 163, 111

 67, 136, 87

 41, 110, 63

 7, 86, 41


 0, 62, 19


 0, 40, 0

 0, 9, 0


 0, 0, 0

 120, 190, 137

 120, 190, 137

 101, 190, 123

 139, 190, 151


 82, 190, 108

 158, 190, 166


 63, 190, 94


 177, 190, 180


 44, 190, 79


 196, 190, 195


 25, 190, 65


 215, 190, 209


 6, 190, 51

 234, 190, 223

 0, 190, 46

 253, 190, 238

 255, 190, 252

 255, 190, 255

Harmonies

Analogous

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



162, 183, 111



120, 190, 137



71, 193, 172

Triad

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



120, 190, 137



121, 178, 245



242, 150, 142

Complementary

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



120, 190, 137



190, 120, 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.



240, 147, 177



120, 190, 137



177, 166, 236

Square

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



120, 190, 137



55, 188, 234



218, 154, 212



227, 160, 115

Rectangle

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



120, 190, 137



32, 193, 196



218, 154, 212



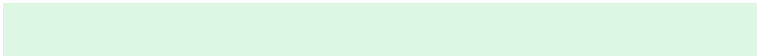
244, 148, 153

Sweetspot

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



120, 190, 137



220, 247, 227



174, 190, 120



109, 125, 113



252, 252, 252



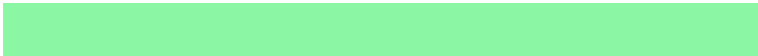
125, 125, 125

Same Dimension

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



120, 190, 137



139, 247, 165



120, 190, 171



85, 94, 87



0, 158, 38



0, 31, 7

Inverse Universe

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



190, 120, 173



247, 139, 221



190, 120, 139



94, 85, 92



158, 0, 120



31, 0, 23

Previews

White Background



This preview shows how the RGB color 120, 190, 137 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 120, 190, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

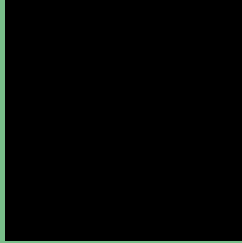
Any Text WCAG AA ✓ Pass

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 120, 190, 137 Background



This preview shows how black text looks on a background with the RGB color 120, 190, 137.

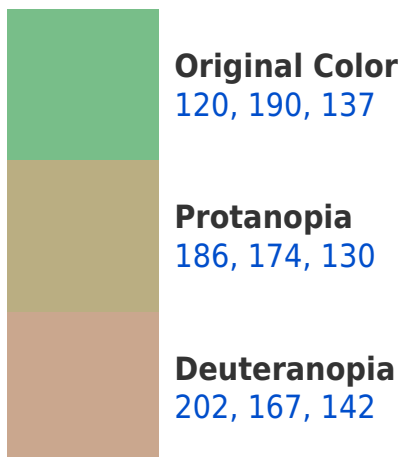


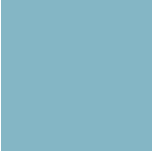
This preview shows how white text looks on a background with the RGB color 120, 190, 137.

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
132, 182, 197

Trichromacy



Original Color

120, 190, 137



Protanomaly

162, 180, 133



Deuteranomaly

172, 175, 140



Tritanomaly

128, 185, 175

Monochromacy



Original Color

120, 190, 137



Achromatopsia

163, 163, 163



Achromatomaly

147, 173, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 190, 137 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(120, 190, 137)` looks like.

```
.text, #text, p{  
    color:rgb(120, 190, 137)  
}
```

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(120, 190, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 190, 137) }
```

Border

The CSS property to change the border of an element to RGB 120, 190, 137 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(120, 190, 137) }
```

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

```
.border{ border-color:rgb(120, 190, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 190, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 190, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 190, 137); box-shadow:4px 4px 4px 4px rgb(120, 190, 137) }
```

Background

The CSS property to change the background color of an element to RGB 120, 190, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 190, 137) }
```

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

```
.background{ background-color: rgb(120,  
190, 137) }
```

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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