

Converting Colors

RGB(127, 200, 145)

Have a look what the booklet for
RGB(127, 200, 145) contains.

RGB(127, 200, 145)	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(127, 200, 145)

Conversions

Conversions Part 1

Format	Color
Hex	7FC891
RGB	127, 200, 145
RGB Percent	50%, 78%, 57%
CMY	0.5020, 0.2157, 0.4314
CMYK	0.36, 0.00, 0.28, 0.22
HSL	135°, 40%, 64%
HSV	135°, 36%, 78%
XYZ	34.5175, 47.8649, 34.2077
YIQ	171.9030, -25.8530, -32.5810

Conversions

Conversions Part 2

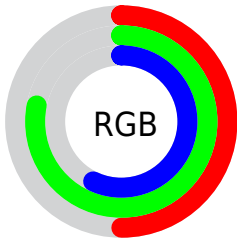
Format	Color
RYB	127, 186, 200
Decimal	8374417
CIELab	74.74, -34.39, 20.49
CIElCh	75, 40.030, 149.219
Yxy	47.8649, 0.2961, 0.4105
Android (android.graphics.Color)	4286564497 (0xFF7FC891)
YUV	171.9030, -13.2632, -39.3799
Hunter-Lab	69.1845, -32.0156, 19.1137

Details

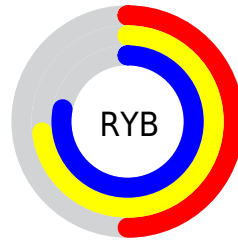
The RGB color **127, 200, 145** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **200, 127, 182**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **182, 255, 199**, and **74, 146, 94** is the 20% darker color. If you saturate the color by 10%, you get **107, 200, 130**, and if you desaturate by 10%, it is **147, 200, 160**.

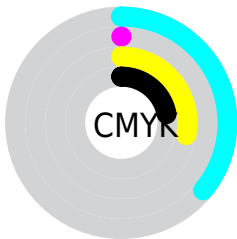
Distribution



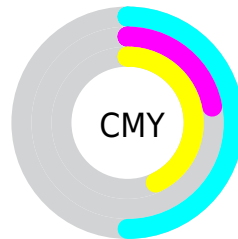
- Red (50%)
- Green (78%)
- Blue (57%)



- Red (50%)
- Yellow (73%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (50%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 200, 145 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 127, 200, 145 by changing the saturation by 10% instead.

 127, 200, 145

255, 255, 255


 182, 255, 199

 210, 255, 227

 239, 255, 255

 127, 200, 145

 100, 172, 119

 74, 146, 94

 47, 119, 70

 16, 94, 47

 0, 70, 26

 0, 47, 1

 0, 25, 0

 0, 0, 0

 127, 200, 145

 127, 200, 145

 107, 200, 130

 147, 200, 160

 87, 200, 115

 167, 200, 175

 67, 200, 100

 187, 200, 190

 47, 200, 85

 207, 200, 205

 27, 200, 70

 227, 200, 220

 7, 200, 55

 247, 200, 235

 0, 200, 49

 255, 200, 250

 255, 200, 255

Harmonies

Analogous

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



171, 192, 118



127, 200, 145



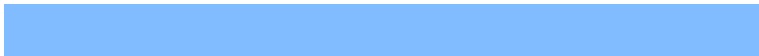
77, 203, 182

Triad

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



127, 200, 145



128, 188, 255



255, 158, 150

Complementary

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



127, 200, 145



200, 127, 182

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.



252, 155, 186



127, 200, 145



187, 175, 248

Square

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



127, 200, 145



61, 198, 246



229, 162, 222



239, 169, 122

Rectangle

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



127, 200, 145



39, 203, 207



229, 162, 222



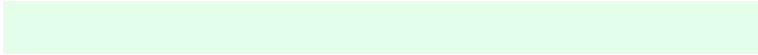
255, 156, 161

Sweetspot

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



127, 200, 145



227, 255, 234



183, 200, 127



111, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



127, 200, 145



143, 255, 170



127, 200, 181



90, 99, 92



0, 163, 40



0, 36, 9

Inverse Universe

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



200, 127, 182



255, 143, 227



200, 127, 146



99, 90, 97



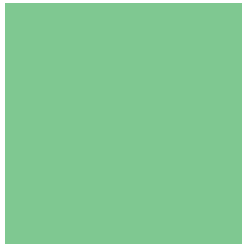
163, 0, 123



36, 0, 27

Previews

White Background



This preview shows how the RGB color 127, 200, 145 looks on a white background.

Color Contrast Check

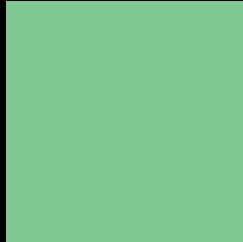
Large Text (above 18pt) WCAG AA × Fail

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 127, 200, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

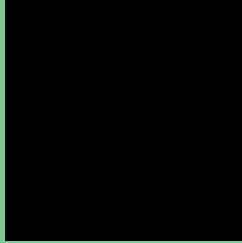
Any Text WCAG AA ✓ Pass

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 127, 200, 145 Background



This preview shows how black text looks on a background with the RGB color 127, 200, 145.



This preview shows how white text looks on a background with the RGB color 127, 200, 145.

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](#).

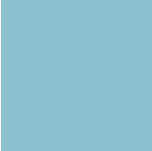
Dichromacy



Original Color
127, 200, 145

Protanopia
196, 183, 137

Deuteranopia
212, 176, 150



Tritanopia
140, 192, 207

Trichromacy



Original Color

127, 200, 145



Protanomaly

171, 189, 140



Deuteranomaly

181, 185, 148



Tritanomaly

135, 195, 184

Monochromacy



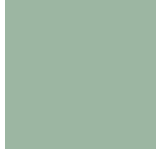
Original Color

127, 200, 145



Achromatopsia

172, 172, 172



Achromatomaly

156, 182, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 200, 145 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(127, 200, 145)` looks like.

```
.text, #text, p{  
    color:rgb(127, 200, 145)  
}
```

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(127, 200, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 200, 145) }
```

Border

The CSS property to change the border of an element to RGB 127, 200, 145 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(127, 200, 145) }
```

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

```
.border{ border-color:rgb(127, 200, 145) }
```

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

Here you see how a box with a 4 pixel rgb(127, 200, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 200, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 200, 145);  
box-shadow:4px 4px 4px 4px rgb(127, 200,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 127, 200, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 200, 145) }
```

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

```
.background{ background-color: rgb(127,  
200, 145) }
```

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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