

Converting Colors

RGB(135, 215, 175)

Have a look what the booklet for
RGB(135, 215, 175) contains.

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Color

RGB(135, 215, 175)

Conversions

Conversions Part 1

Format	Color
Hex	87D7AF
RGB	135, 215, 175
RGB Percent	53%, 84%, 69%
CMY	0.4706, 0.1569, 0.3137
CMYK	0.37, 0.00, 0.19, 0.16
HSL	150°, 50%, 69%
HSV	150°, 37%, 84%
XYZ	42.0300, 56.8469, 49.3148
YIQ	186.5200, -34.8400, -29.4000

Conversions

Conversions Part 2

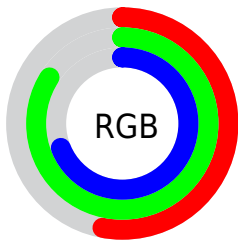
Format	Color
RYB	135, 188, 215
Decimal	8902575
CIELab	80.09, -33.27, 12.09
CIElCh	80, 35.395, 160.034
Yxy	56.8469, 0.2836, 0.3836
Android (android.graphics.Color)	4287092655 (0xFF87D7AF)
YUV	186.5200, -5.6794, -45.1830
Hunter-Lab	75.3969, -32.4398, 13.9981

Details

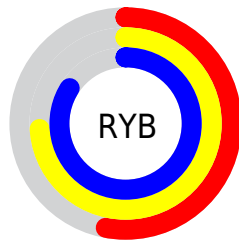
The RGB color **135, 215, 175** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **215, 135, 175**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **191, 255, 231**, and **81, 160, 123** is the 20% darker color. If you saturate the color by 10%, you get **113, 215, 164**, and if you desaturate by 10%, it is **157, 215, 186**.

Distribution



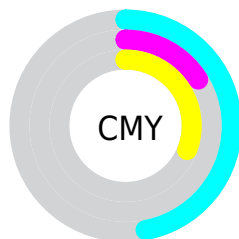
- Red (53%)
- Green (84%)
- Blue (69%)



- Red (53%)
- Yellow (74%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 215, 175 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 135, 215, 175 by changing the saturation by 10% instead.

 135, 215, 175

255, 255, 255


 191, 255, 231


 219, 255, 255


 249, 255, 255


 135, 215, 175

 108, 187, 148

 81, 160, 123

 54, 133, 98

 23, 108, 74

 0, 83, 51

 0, 59, 30

 0, 38, 6

 0, 1, 0

 0, 0, 0

 135, 215, 175

 135, 215, 175

 113, 215, 164

 157, 215, 186


 92, 215, 154

 178, 215, 197

 70, 215, 143

 200, 215, 207

 49, 215, 132

 221, 215, 218

 27, 215, 121

 243, 215, 229

 6, 215, 110

 255, 215, 240

 0, 215, 108

 255, 215, 250

 255, 215, 255

Harmonies

Analogous

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



174, 209, 147



135, 215, 175



100, 217, 209

Triad

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



135, 215, 175



171, 198, 255



255, 179, 158

Complementary

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



135, 215, 175



215, 135, 175

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, 174, 189



135, 215, 175



217, 186, 249

Square

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



135, 215, 175



122, 208, 255



250, 177, 222



241, 189, 137

Rectangle

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



135, 215, 175



88, 216, 231



250, 177, 222



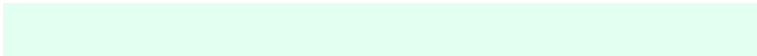
255, 176, 167

Sweetspot

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



135, 215, 175



227, 255, 241



175, 215, 135



111, 128, 119



0, 0, 0



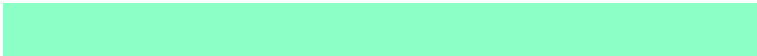
128, 128, 128

Same Dimension

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



135, 215, 175



140, 255, 198



135, 215, 215



96, 107, 102



0, 171, 85



0, 43, 22

Inverse Universe

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



215, 135, 175



255, 140, 198



215, 135, 135



107, 96, 102



171, 0, 85



43, 0, 22

Previews

White Background



This preview shows how the RGB color 135, 215, 175 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 135, 215, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

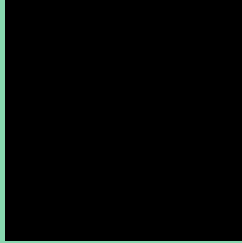
Any Text WCAG AA ✓ Pass

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 135, 215, 175 Background



This preview shows how black text looks on a background with the RGB color 135, 215, 175.

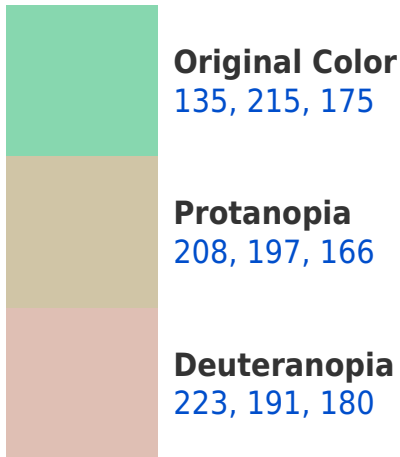


This preview shows how white text looks on a background with the RGB color 135, 215, 175.

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
146, 208, 225

Trichromacy



Original Color

135, 215, 175



Protanomaly

181, 204, 169



Deuteranomaly

191, 200, 178



Tritanomaly

142, 211, 207

Monochromacy



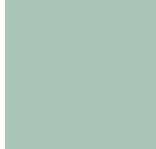
Original Color

135, 215, 175



Achromatopsia

187, 187, 187



Achromatomaly

168, 197, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 215, 175 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(135, 215, 175)` looks like.

```
.text, #text, p{  
    color:rgb(135, 215, 175)  
}
```

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(135, 215, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 215, 175) }
```

Border

The CSS property to change the border of an element to RGB 135, 215, 175 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(135, 215, 175) }
```

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

```
.border{ border-color:rgb(135, 215, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 215, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(135, 215,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 135, 215, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 215, 175) }
```

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

```
.background{ background-color: rgb(135,  
215, 175) }
```

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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