

Converting Colors

RGB(135, 214, 153)

Have a look what the booklet for
RGB(135, 214, 153) contains.

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Color

RGB(135, 214, 153)

Conversions

Conversions Part 1

Format	Color
Hex	87D699
RGB	135, 214, 153
RGB Percent	53%, 84%, 60%
CMY	0.4706, 0.1608, 0.4000
CMYK	0.37, 0.00, 0.29, 0.16
HSL	134°, 49%, 68%
HSV	134°, 37%, 84%
XYZ	39.7880, 55.5439, 38.7610
YIQ	183.4250, -27.5030, -35.7190

Conversions

Conversions Part 2

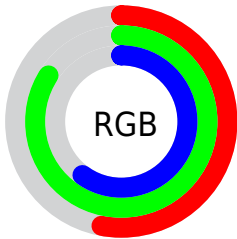
Format	Color
RYB	135, 199, 214
Decimal	8902297
CIELab	79.35, -36.98, 22.66
CIELCh	79, 43.365, 148.501
Yxy	55.5439, 0.2967, 0.4142
Android (android.graphics.Color)	4287092377 (0xFF87D699)
YUV	183.4250, -14.9995, -42.4687
Hunter-Lab	74.5278, -35.1282, 21.3335

Details

The RGB color **135, 214, 153** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **214, 135, 196**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **191, 255, 208**, and **81, 159, 102** is the 20% darker color. If you saturate the color by 10%, you get **114, 214, 136**, and if you desaturate by 10%, it is **156, 214, 170**.

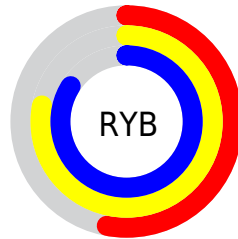
Distribution



Red (53%)

Green (84%)

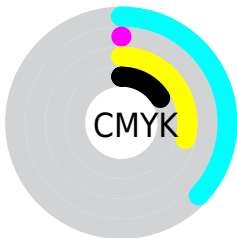
Blue (60%)



Red (53%)

Yellow (78%)

Blue (84%)

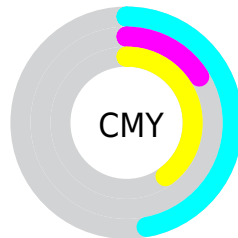


Cyan (37%)

Magenta (0%)

Yellow (29%)

Black (16%)



Cyan (47%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 214, 153 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, 214, 153 by changing the saturation by 10% instead.

 135, 214, 153


255, 255, 255


 191, 255, 208

 219, 255, 236

 249, 255, 255

 135, 214, 153

 108, 186, 127

 81, 159, 102

 54, 132, 77

 23, 107, 54

 0, 82, 32

 0, 58, 9

 0, 37, 0

 0, 0, 0

 135, 214, 153

 135, 214, 153

 114, 214, 136

 156, 214, 170

 92, 214, 120

 178, 214, 186

 71, 214, 103

 199, 214, 203

 49, 214, 87

 221, 214, 219

 28, 214, 70

 242, 214, 236

 7, 214, 54

 255, 214, 252

 0, 214, 49

 255, 214, 255

Harmonies

Analogous

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



183, 206, 124



135, 214, 153



78, 218, 193

Triad

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



135, 214, 153



133, 201, 255



255, 168, 160

Complementary

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



135, 214, 153



214, 135, 196

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, 165, 200



135, 214, 153



198, 187, 255

Square

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



135, 214, 153



53, 212, 255



245, 173, 239



255, 179, 129

Rectangle

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



135, 214, 153



24, 218, 221



245, 173, 239



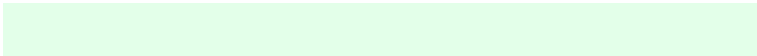
255, 166, 173

Sweetspot

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



135, 214, 153



227, 255, 233



197, 214, 135



111, 128, 115



0, 0, 0



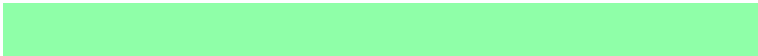
128, 128, 128

Same Dimension

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



135, 214, 153



143, 255, 168



135, 214, 192



96, 107, 99



0, 171, 39



0, 43, 10

Inverse Universe

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



214, 135, 196



255, 143, 229



214, 135, 157



107, 96, 105



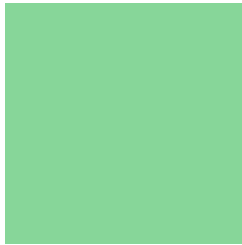
171, 0, 132



43, 0, 33

Previews

White Background



This preview shows how the RGB color 135, 214, 153 looks on a white background.

Color Contrast Check

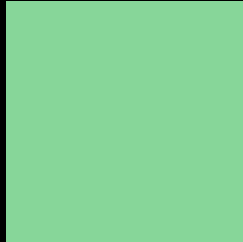
Large Text (above 18pt) WCAG AA × Fail

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, 214, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

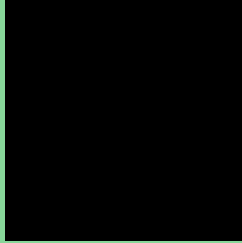
Any Text WCAG AA ✓ Pass

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, 214, 153 Background



This preview shows how black text looks on a background with the RGB color 135, 214, 153.

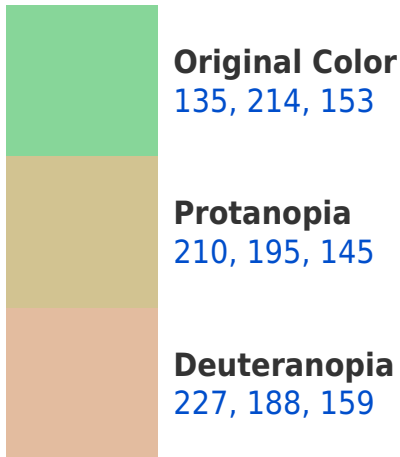


This preview shows how white text looks on a background with the RGB color 135, 214, 153.

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





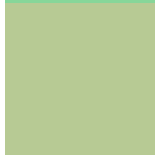
Tritanopia
149, 205, 222

Trichromacy



Original Color

135, 214, 153



Protanomaly

183, 202, 148



Deuteranomaly

194, 197, 157



Tritanomaly

144, 208, 197

Monochromacy



Original Color

135, 214, 153



Achromatopsia

183, 183, 183



Achromatomaly

166, 194, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 214, 153 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, 214, 153)` looks like.

```
.text, #text, p{  
    color:rgb(135, 214, 153)  
}
```

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, 214, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 214, 153) }
```

Border

The CSS property to change the border of an element to RGB 135, 214, 153 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, 214, 153) }
```

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

```
.border{ border-color:rgb(135, 214, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 214, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 214, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 214, 153);  
box-shadow:4px 4px 4px 4px rgb(135, 214,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 135, 214, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 214, 153) }
```

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

```
.background{ background-color: rgb(135,  
214, 153) }
```

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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