

Converting Colors

RGB(135, 228, 205)

Have a look what the booklet for
RGB(135, 228, 205) contains.

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Color

RGB(135, 228, 205)

Conversions

Conversions Part 1

Format	Color
Hex	87E4CD
RGB	135, 228, 205
RGB Percent	53%, 89%, 80%
CMY	0.4706, 0.1059, 0.1961
CMYK	0.41, 0.00, 0.10, 0.11
HSL	165°, 63%, 71%
HSV	165°, 41%, 89%
XYZ	48.7545, 65.0455, 67.7430
YIQ	197.5710, -48.0450, -26.8690

Conversions

Conversions Part 2

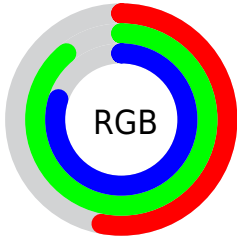
Format	Color
RYB	135, 188, 228
Decimal	8905933
CIELab	84.51, -32.97, 2.55
CIELCh	85, 33.071, 175.578
Yxy	65.0455, 0.2686, 0.3583
Android (android.graphics.Color)	4287096013 (0xFF87E4CD)
YUV	197.5710, 3.6625, -54.8748
Hunter-Lab	80.6508, -33.2331, 6.6546

Details

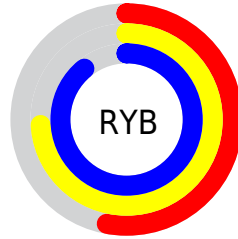
The RGB color **135, 228, 205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **228, 135, 158**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **192, 255, 255**, and **79, 172, 151** is the 20% darker color. If you saturate the color by 10%, you get **112, 228, 199**, and if you desaturate by 10%, it is **158, 228, 211**.

Distribution



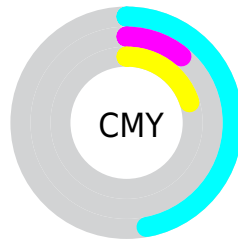
- Red (53%)
- Green (89%)
- Blue (80%)



- Red (53%)
- Yellow (74%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 228, 205 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, 228, 205 by changing the saturation by 10% instead.

 135, 228, 205

255, 255, 255


 192, 255, 255

 221, 255, 255


 251, 255, 255

 135, 228, 205

 107, 200, 178

 79, 172, 151

 49, 145, 125

 6, 119, 100

 0, 94, 76

 0, 70, 54

 0, 46, 32

 0, 25, 9

 0, 0, 0

 135, 228, 205

 135, 228, 205

 112, 228, 199

 158, 228, 211

 89, 228, 194

 181, 228, 216

 67, 228, 188

 203, 228, 222

 44, 228, 182

 226, 228, 228

 21, 228, 177

 249, 228, 233

 0, 228, 172

 255, 228, 239

 255, 228, 244

 255, 228, 250

 255, 228, 255

Harmonies

Analogous

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



169, 224, 175



135, 228, 205



114, 228, 237

Triad

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



135, 228, 205



209, 205, 255



255, 197, 161

Complementary

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



135, 228, 205



228, 135, 158

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, 189, 185



135, 228, 205



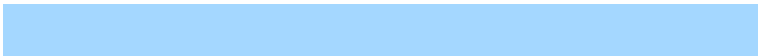
247, 194, 247

Square

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



135, 228, 205



164, 215, 255



255, 188, 217



238, 207, 149

Rectangle

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



135, 228, 205



118, 225, 254



255, 188, 217



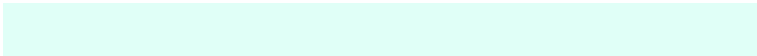
255, 194, 168

Sweetspot

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



135, 228, 205



224, 255, 247



158, 228, 135



110, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



135, 228, 205



130, 255, 224



135, 205, 228



103, 115, 112



0, 179, 134



0, 51, 38

Inverse Universe

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



228, 135, 158



255, 130, 161



228, 158, 135



115, 103, 106



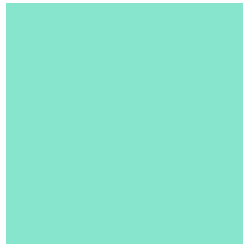
179, 0, 44



51, 0, 13

Previews

White Background



This preview shows how the RGB color 135, 228, 205 looks on a white background.

Color Contrast Check

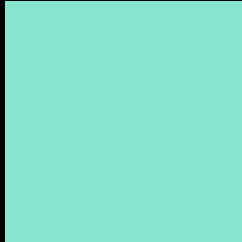
Large Text (above 18pt) WCAG AA × Fail

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, 228, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

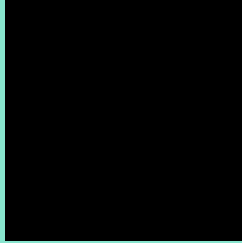
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

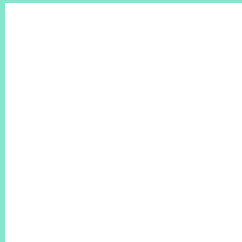
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 135, 228, 205 Background



This preview shows how black text looks on a background with the RGB color 135, 228, 205.

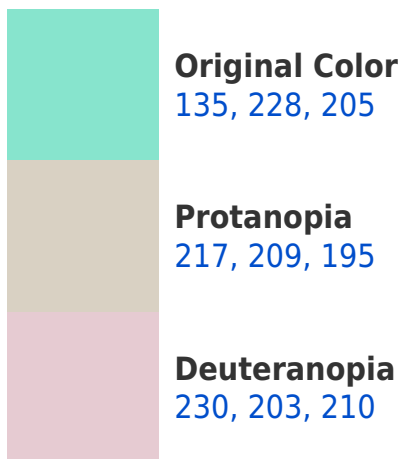


This preview shows how white text looks on a background with the RGB color 135, 228, 205.

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
144, 223, 241

Trichromacy



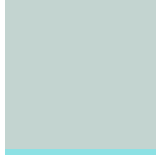
Original Color

135, 228, 205



Protanomaly

187, 216, 199



Deuteranomaly

195, 212, 208



Tritanomaly

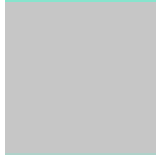
141, 225, 228

Monochromacy



Original Color

135, 228, 205



Achromatopsia

198, 198, 198



Achromatomaly

175, 209, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 228, 205 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, 228, 205)` looks like.

```
.text, #text, p{  
    color:rgb(135, 228, 205)  
}
```

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, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 228, 205) }
```

Border

The CSS property to change the border of an element to RGB 135, 228, 205 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, 228, 205) }
```

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

```
.border{ border-color:rgb(135, 228, 205) }
```

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

Here you see how a box with a 4 pixel rgb(135, 228, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(135, 228,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 135, 228, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 228, 205) }
```

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

```
.background{ background-color: rgb(135,  
228, 205) }
```

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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