

Converting Colors

RGB(135, 222, 210)

Have a look what the booklet for
RGB(135, 222, 210) contains.

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Color

RGB(135, 222, 210)

Conversions

Conversions Part 1

Format	Color
Hex	87DED2
RGB	135, 222, 210
RGB Percent	53%, 87%, 82%
CMY	0.4706, 0.1294, 0.1765
CMYK	0.39, 0.00, 0.05, 0.13
HSL	172°, 57%, 70%
HSV	172°, 39%, 87%
XYZ	47.7458, 62.0466, 70.4325
YIQ	194.6190, -48.0000, -22.1760

Conversions

Conversions Part 2

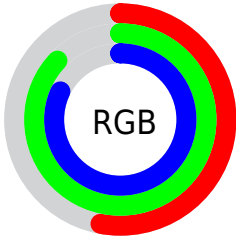
Format	Color
RYB	135, 182, 222
Decimal	8904402
CIELab	82.94, -28.99, -2.39
CIElCh	83, 29.088, 184.704
Yxy	62.0466, 0.2649, 0.3443
Android (android.graphics.Color)	4287094482 (0xFF87DED2)
YUV	194.6190, 7.5828, -52.2859
Hunter-Lab	78.7697, -29.6501, 2.1242

Details

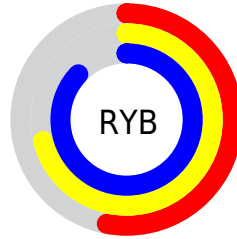
The RGB color **135, 222, 210** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **222, 135, 147**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **192, 255, 255**, and **79, 167, 156** is the 20% darker color. If you saturate the color by 10%, you get **113, 222, 207**, and if you desaturate by 10%, it is **157, 222, 213**.

Distribution



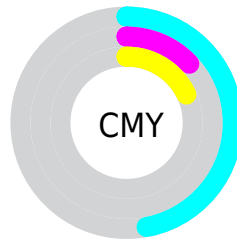
- Red (53%)
- Green (87%)
- Blue (82%)



- Red (53%)
- Yellow (71%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RGB color 135, 222, 210 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, 222, 210 by changing the saturation by 10% instead.

 135, 222, 210

 135, 222, 210

255, 255, 255

 107, 194, 182


 192, 255, 255

 79, 167, 156

 221, 255, 255

 50, 140, 130


 250, 255, 255

 10, 114, 105

 0, 89, 80

 0, 65, 58

 0, 42, 36

 0, 19, 15

 0, 0, 0

 135, 222, 210

 135, 222, 210

 113, 222, 207

 157, 222, 213

 91, 222, 204

 179, 222, 216

 68, 222, 201

 202, 222, 219

 46, 222, 198

 224, 222, 222

 24, 222, 195

 246, 222, 225

 2, 222, 192

 255, 222, 228

 0, 222, 191

 255, 222, 231

 255, 222, 234

 255, 222, 238

Harmonies

Analogous

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



161, 220, 182



135, 222, 210



126, 221, 237

Triad

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



135, 222, 210



216, 198, 251



246, 197, 158

Complementary

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



135, 222, 210



222, 135, 147

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, 177



135, 222, 210



245, 190, 230

Square

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



135, 222, 210



179, 208, 255



255, 187, 203



222, 206, 152

Rectangle

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



135, 222, 210



135, 218, 250



255, 187, 203



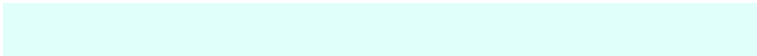
252, 194, 163

Sweetspot

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



135, 222, 210



224, 255, 251



148, 222, 135



110, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



135, 222, 210



135, 255, 238



135, 192, 222



101, 112, 111



0, 176, 152



0, 48, 42

Inverse Universe

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



222, 135, 147



255, 135, 152



222, 165, 135



112, 101, 103



176, 0, 24



48, 0, 7

Previews

White Background



This preview shows how the RGB color 135, 222, 210 looks on a white background.

Color Contrast Check

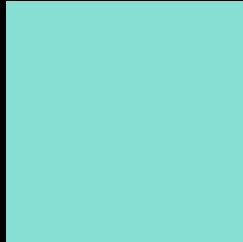
Large Text (above 18pt) WCAG AA × Fail

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, 222, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

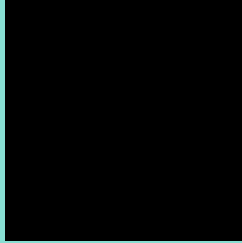
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

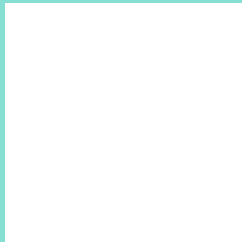
Any Text WCAG AAA ✓ Pass

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

RGB 135, 222, 210 Background



This preview shows how black text looks on a background with the RGB color 135, 222, 210.



This preview shows how white text looks on a background with the RGB color 135, 222, 210.

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
142, 218, 236

Trichromacy



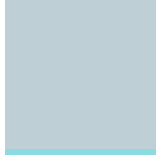
Original Color

135, 222, 210



Protanomaly

183, 211, 204



Deuteranomaly

190, 207, 213



Tritanomaly

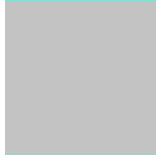
139, 219, 227

Monochromacy



Original Color

135, 222, 210



Achromatopsia

195, 195, 195



Achromatomaly

173, 205, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 222, 210 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, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(135, 222, 210)  
}
```

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, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 222, 210) }
```

Border

The CSS property to change the border of an element to RGB 135, 222, 210 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, 222, 210) }
```

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

```
.border{ border-color:rgb(135, 222, 210) }
```

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

Here you see how a box with a 4 pixel rgb(135, 222, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(135, 222,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 135, 222, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 222, 210) }
```

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

```
.background{ background-color: rgb(135,  
222, 210) }
```

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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