

Converting Colors

RGB(135, 220, 206)

Have a look what the booklet for
RGB(135, 220, 206) contains.

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Color

RGB(135, 220, 206)

Conversions

Conversions Part 1

Format	Color
Hex	87DCCE
RGB	135, 220, 206
RGB Percent	53%, 86%, 81%
CMY	0.4706, 0.1373, 0.1922
CMYK	0.39, 0.00, 0.06, 0.14
HSL	170°, 55%, 70%
HSV	170°, 39%, 86%
XYZ	46.7255, 60.7935, 67.6642
YIQ	192.9890, -46.1660, -22.3740

Conversions

Conversions Part 2

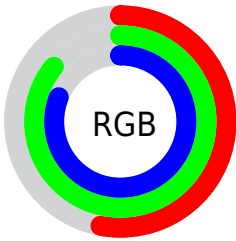
Format	Color
RYB	135, 181, 220
Decimal	8903886
CIELab	82.27, -28.95, -1.25
CIElCh	82, 28.978, 182.463
Yxy	60.7935, 0.2667, 0.3470
Android (android.graphics.Color)	4287093966 (0xFF87DCCE)
YUV	192.9890, 6.4144, -50.8564
Hunter-Lab	77.9702, -29.4776, 3.1261

Details

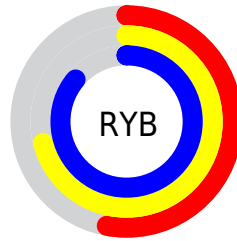
The RGB color **135, 220, 206** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **220, 135, 149**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **191, 255, 255**, and **80, 165, 152** is the 20% darker color. If you saturate the color by 10%, you get **113, 220, 202**, and if you desaturate by 10%, it is **157, 220, 210**.

Distribution



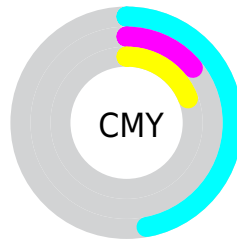
- Red (53%)
- Green (86%)
- Blue (81%)



- Red (53%)
- Yellow (71%)
- Blue (86%)



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (47%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 220, 206 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, 220, 206 by changing the saturation by 10% instead.

 135, 220, 206


255, 255, 255


 191, 255, 255


 220, 255, 255


 250, 255, 255


 135, 220, 206

 107, 192, 179

 80, 165, 152


 51, 138, 126

 13, 112, 101

 0, 87, 77

 0, 64, 54

 0, 41, 33

 0, 15, 11

 0, 0, 0

 135, 220, 206

 135, 220, 206

 113, 220, 202

 157, 220, 210

 91, 220, 199

 179, 220, 213

 69, 220, 195

 201, 220, 217

 47, 220, 192

 223, 220, 220

 25, 220, 188

 245, 220, 224

 3, 220, 184

 255, 220, 228

 0, 220, 184

 255, 220, 231

 255, 220, 235

 255, 220, 239

Harmonies

Analogous

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



162, 218, 179



135, 220, 206



124, 219, 233

Triad

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



135, 220, 206



212, 197, 250



246, 194, 157

Complementary

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



135, 220, 206



220, 135, 149

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, 187, 177



135, 220, 206



242, 189, 230

Square

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



135, 220, 206



174, 206, 255



255, 185, 203



222, 204, 150

Rectangle

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



135, 220, 206



132, 216, 247



255, 185, 203



251, 192, 163

Sweetspot

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



135, 220, 206



224, 255, 250



149, 220, 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, 220, 206



138, 255, 236



135, 192, 220



99, 110, 108



0, 173, 145



0, 46, 38

Inverse Universe

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



220, 135, 149



255, 138, 157



220, 163, 135



110, 99, 100



173, 0, 29



46, 0, 8

Previews

White Background



This preview shows how the RGB color 135, 220, 206 looks on a white background.

Color Contrast Check

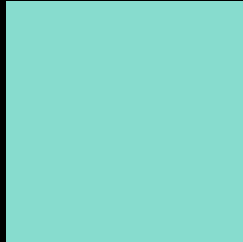
Large Text (above 18pt) WCAG AA × Fail

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, 220, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

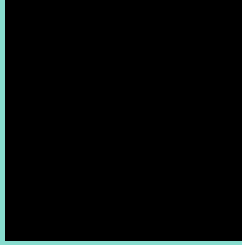
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

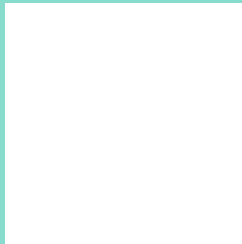
Any Text WCAG AAA ✓ Pass

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

RGB 135, 220, 206 Background



This preview shows how black text looks on a background with the RGB color 135, 220, 206.

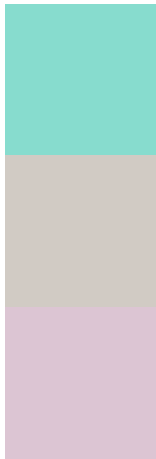


This preview shows how white text looks on a background with the RGB color 135, 220, 206.

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](#).

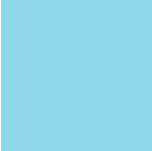
Dichromacy



Original Color
135, 220, 206

Protanopia
209, 203, 196

Deuteranopia
220, 197, 211



Tritanopia
142, 216, 233

Trichromacy



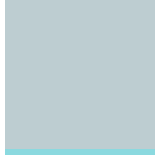
Original Color

135, 220, 206



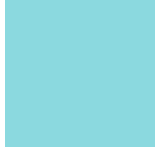
Protanomaly

182, 209, 200



Deuteranomaly

189, 205, 209



Tritanomaly

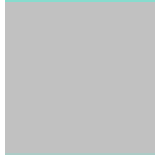
139, 217, 223

Monochromacy



Original Color

135, 220, 206



Achromatopsia

193, 193, 193



Achromatomaly

172, 203, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 220, 206 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, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(135, 220, 206)  
}
```

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, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 220, 206) }
```

Border

The CSS property to change the border of an element to RGB 135, 220, 206 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, 220, 206) }
```

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

```
.border{ border-color:rgb(135, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(135, 220,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 135, 220, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 220, 206) }
```

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

```
.background{ background-color: rgb(135,  
220, 206) }
```

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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