

Converting Colors

RGB(135, 202, 227)

Have a look what the booklet for
RGB(135, 202, 227) contains.

RGB(135, 202, 227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(135, 202, 227)

Conversions

Conversions Part 1

Format	Color
Hex	87CAE3
RGB	135, 202, 227
RGB Percent	53%, 79%, 89%
CMY	0.4706, 0.2078, 0.1098
CMYK	0.41, 0.11, 0.00, 0.11
HSL	196°, 62%, 71%
HSV	196°, 41%, 89%
XYZ	44.9773, 52.9380, 80.5205
YIQ	184.8170, -47.9570, -6.4290

Conversions

Conversions Part 2

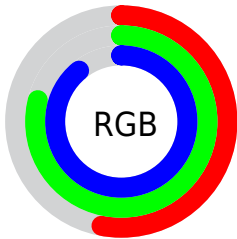
Format	Color
RYB	135, 174, 227
Decimal	8899299
CIELab	77.84, -14.84, -19.07
CIELCh	78, 24.167, 232.106
Yxy	52.9380, 0.2521, 0.2967
Android (android.graphics.Color)	4287089379 (0xFF87CAE3)
YUV	184.8170, 20.7962, -43.6895
Hunter-Lab	72.7585, -16.9835, -14.6842

Details

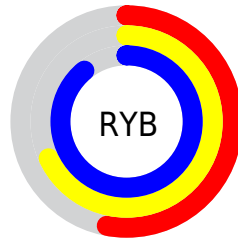
The RGB color **135, 202, 227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 160, 135**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **192, 255, 255**, and **79, 148, 172** is the 20% darker color. If you saturate the color by 10%, you get **112, 196, 227**, and if you desaturate by 10%, it is **158, 208, 227**.

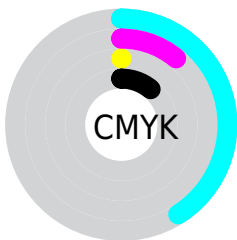
Distribution



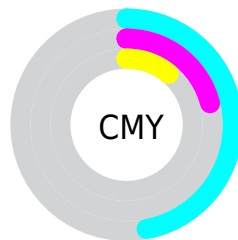
- Red (53%)
- Green (79%)
- Blue (89%)



- Red (53%)
- Yellow (68%)
- Blue (89%)



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



- Cyan (47%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 135, 202, 227 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, 202, 227 by changing the saturation by 10% instead.


 135, 202, 227

 135, 202, 227


255, 255, 255

 107, 175, 199

 192, 255, 255

 79, 148, 172

 221, 255, 255

 50, 122, 145

 250, 255, 255

 12, 97, 119

 0, 73, 95

 0, 51, 71

 0, 30, 48

 0, 1, 28

 0, 0, 0

■ 135, 202, 227

■ 135, 202, 227

■ 112, 196, 227

■ 158, 208, 227

■ 90, 190, 227

■ 180, 214, 227

■ 67, 183, 227

■ 203, 221, 227

■ 44, 177, 227

■ 226, 227, 227

■ 22, 171, 227

■ 249, 233, 227

■ 0, 165, 227

■ 255, 239, 227

■ 255, 245, 227

■ 255, 251, 227

■ 255, 255, 227

Harmonies

Analogous

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



130, 205, 208



135, 202, 227



158, 196, 236

Triad

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



135, 202, 227



233, 177, 199



192, 196, 151

Complementary

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



135, 202, 227



227, 160, 135

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.



215, 189, 148



135, 202, 227



239, 177, 177

Square

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



135, 202, 227



216, 181, 220



232, 182, 158



166, 202, 164

Rectangle

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



135, 202, 227



178, 191, 236



232, 182, 158



200, 194, 149

Sweetspot

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



135, 202, 227



224, 247, 255



135, 227, 160



110, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 202, 227



130, 221, 255



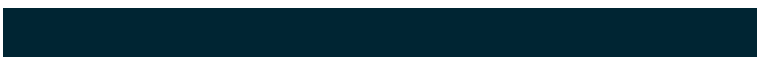
135, 156, 227



103, 112, 115



0, 130, 179



0, 37, 51

Inverse Universe

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



227, 135, 202



255, 130, 221



227, 206, 135



115, 103, 112



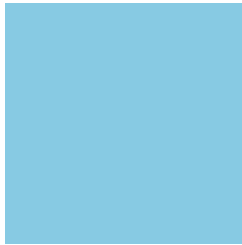
179, 0, 130



51, 0, 37

Previews

White Background



This preview shows how the RGB color 135, 202, 227 looks on a white background.

Color Contrast Check

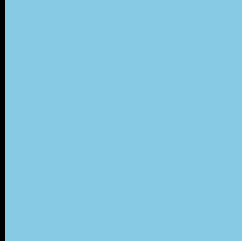
Large Text (above 18pt) WCAG AA × Fail

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, 202, 227 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, 202, 227 Background



This preview shows how black text looks on a background with the RGB color 135, 202, 227.



This preview shows how white text looks on a background with the RGB color 135, 202, 227.

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, 202, 227

Protanopia
187, 190, 219

Deuteranopia
191, 187, 230



Tritanopia
133, 203, 220

Trichromacy



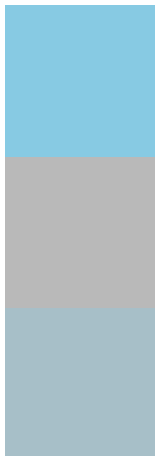
Original Color
135, 202, 227

Protanomaly
168, 194, 222

Deuteranomaly
171, 192, 229

Tritanomaly
134, 203, 223

Monochromacy



Original Color
135, 202, 227

Achromatopsia
185, 185, 185

Achromatomaly
167, 191, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 202, 227 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, 202, 227)` looks like.

```
.text, #text, p{  
    color:rgb(135, 202, 227)  
}
```

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, 202, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 202, 227) }
```

Border

The CSS property to change the border of an element to RGB 135, 202, 227 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, 202, 227) }
```

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

```
.border{ border-color:rgb(135, 202, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 202, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 202, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 202, 227);  
box-shadow:4px 4px 4px 4px rgb(135, 202,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 135, 202, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 202, 227) }
```

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

```
.background{ background-color: rgb(135,  
202, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor