

Converting Colors

RGB(141, 208, 231)

Have a look what the booklet for
RGB(141, 208, 231) contains.

RGB(141, 208, 231)	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(141, 208, 231)

Conversions

Conversions Part 1

Format	Color
Hex	8DD0E7
RGB	141, 208, 231
RGB Percent	55%, 82%, 91%
CMY	0.4471, 0.1843, 0.0941
CMYK	0.39, 0.10, 0.00, 0.09
HSL	195°, 65%, 73%
HSV	195°, 39%, 91%
XYZ	47.9642, 56.5440, 83.9874
YIQ	190.5890, -47.3150, -7.0510

Conversions

Conversions Part 2

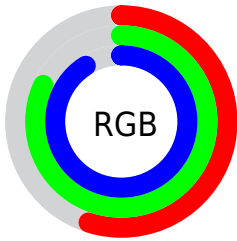
Format	Color
RYB	141, 179, 231
Decimal	9294055
CIELab	79.92, -15.39, -18.04
CIELCh	80, 23.708, 229.536
Yxy	56.5440, 0.2545, 0.3000
Android (android.graphics.Color)	4287484135 (0xFF8DD0E7)
YUV	190.5890, 19.9226, -43.4896
Hunter-Lab	75.1957, -17.7349, -13.5850

Details

The RGB color **141, 208, 231** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **231, 164, 141**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **198, 255, 255**, and **86, 154, 175** is the 20% darker color. If you saturate the color by 10%, you get **118, 202, 231**, and if you desaturate by 10%, it is **164, 214, 231**.

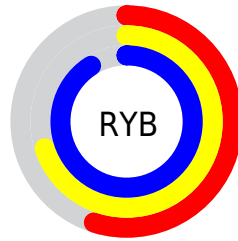
Distribution



Red (55%)

Green (82%)

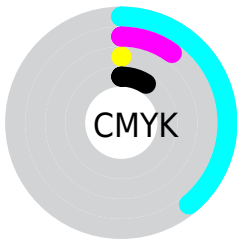
Blue (91%)



Red (55%)

Yellow (70%)

Blue (91%)

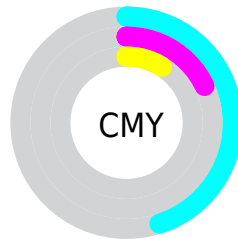


Cyan (39%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (45%)


Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 141, 208, 231 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 141, 208, 231 by changing the saturation by 10% instead.


 141, 208, 231


255, 255, 255


 198, 255, 255


 227, 255, 255

 141, 208, 231

 113, 180, 203

 86, 154, 175

 57, 128, 149

 24, 102, 123

 0, 78, 98

 0, 55, 74

 0, 34, 51

 0, 2, 31

 0, 0, 2

■ 141, 208, 231

■ 141, 208, 231

■ 118, 202, 231

■ 164, 214, 231

■ 95, 196, 231

■ 187, 220, 231

■ 72, 190, 231

■ 210, 226, 231

■ 49, 184, 231

■ 233, 232, 231

■ 26, 178, 231

■ 255, 238, 231

■ 2, 173, 231

■ 255, 243, 231

■ 0, 172, 231

■ 255, 249, 231

■ 255, 255, 231

Harmonies

Analogous

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



137, 211, 212



141, 208, 231



162, 203, 241

Triad

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



141, 208, 231



238, 183, 207



200, 201, 156

Complementary

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



141, 208, 231



231, 164, 141

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.



222, 194, 155



141, 208, 231



244, 183, 184

Square

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



141, 208, 231



219, 188, 227



238, 187, 165



174, 207, 169

Rectangle

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



141, 208, 231



182, 198, 241



238, 187, 165



208, 199, 155

Sweetspot

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



141, 208, 231



224, 247, 255



141, 231, 164



110, 123, 128



0, 0, 0



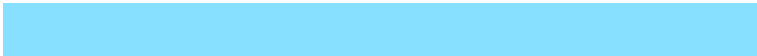
128, 128, 128

Same Dimension

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



141, 208, 231



135, 224, 255



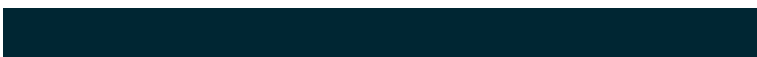
141, 164, 231



103, 112, 115



0, 133, 179



0, 38, 51

Inverse Universe

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



231, 141, 208



255, 135, 224



231, 209, 141



115, 103, 112



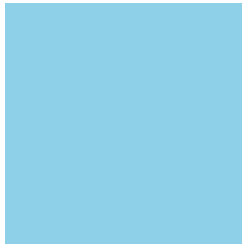
179, 0, 133



51, 0, 38

Previews

White Background



This preview shows how the RGB color 141, 208, 231 looks on a white background.

Color Contrast Check

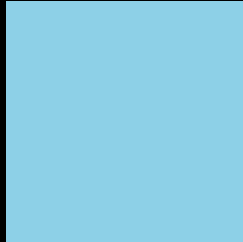
Large Text (above 18pt) WCAG AA × Fail

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 141, 208, 231 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 141, 208, 231 Background



This preview shows how black text looks on a background with the RGB color 141, 208, 231.

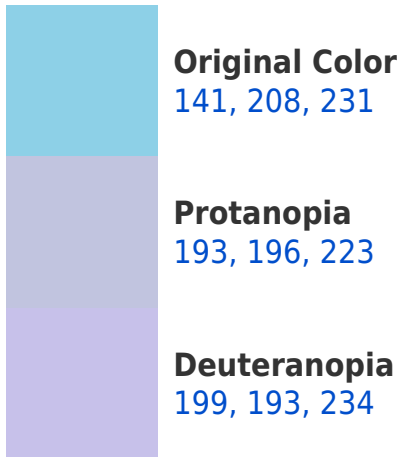


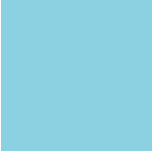
This preview shows how white text looks on a background with the RGB color 141, 208, 231.

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
140, 209, 226

Trichromacy



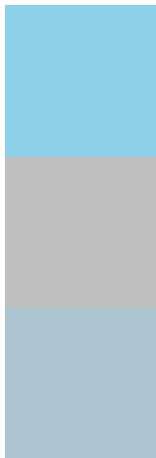
Original Color
141, 208, 231

Protanomaly
174, 200, 226

Deuteranomaly
178, 198, 233

Tritanomaly
140, 209, 228

Monochromacy



Original Color
141, 208, 231

Achromatopsia
191, 191, 191

Achromatomaly
173, 197, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 141, 208, 231 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(141, 208, 231)` looks like.

```
.text, #text, p{  
    color:rgb(141, 208, 231)  
}
```

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(141, 208, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 208, 231) }
```

Border

The CSS property to change the border of an element to RGB 141, 208, 231 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(141, 208, 231) }
```

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

```
.border{ border-color:rgb(141, 208, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 208, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 208, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 208, 231);  
box-shadow:4px 4px 4px 4px rgb(141, 208,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 141, 208, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 208, 231) }
```

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

```
.background{ background-color: rgb(141,  
208, 231) }
```

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