

Converting Colors

RGB(208, 229, 242)

Have a look what the booklet for
RGB(208, 229, 242) contains.

RGB(208, 229, 242)	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(208, 229, 242)

Conversions

Conversions Part 1

Format	Color
Hex	D0E5F2
RGB	208, 229, 242
RGB Percent	82%, 90%, 95%
CMY	0.1843, 0.1020, 0.0510
CMYK	0.14, 0.05, 0.00, 0.05
HSL	203°, 57%, 88%
HSV	203°, 14%, 95%
XYZ	70.0587, 75.8593, 94.9542
YIQ	224.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

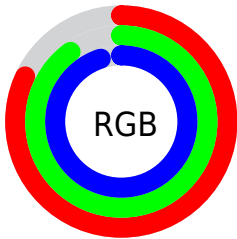
Format	Color
R _{YB}	208, 221, 242
Decimal	13690354
CIE _{Lab}	89.79, -4.35, -8.68
CIE _{LCh}	90, 9.705, 243.378
Yxy	75.8593, 0.2909, 0.3149
Android (android.graphics.Color)	4291880434 (0xFFD0E5F2)
YUV	224.2030, 8.7739, -14.2100
Hunter-Lab	87.0973, -8.8395, -3.6704

Details

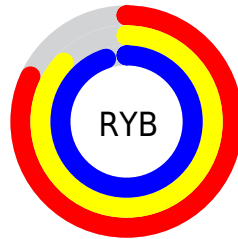
The RGB color **208, 229, 242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **242, 221, 208**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 255, 255, 255, and **153, 174, 186** is the 20% darker color. If you saturate the color by 10%, you get **184, 220, 242**, and if you desaturate by 10%, it is **232, 238, 242**.

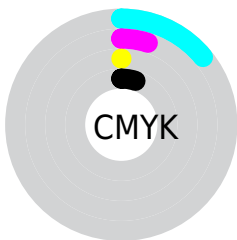
Distribution



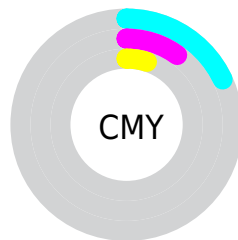
- Red (82%)
- Green (90%)
- Blue (95%)



- Red (82%)
- Yellow (87%)
- Blue (95%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 229, 242 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 208, 229, 242 by changing the saturation by 10% instead.

■ 208, 229, 242

255, 255, 255

■ 208, 229, 242

■ 180, 201, 214

■ 153, 174, 186

■ 127, 147, 159

■ 102, 121, 133

■ 77, 96, 108

■ 54, 73, 83

■ 32, 50, 60

■ 10, 29, 39

■ 0, 1, 18

 208, 229, 242

 208, 229, 242

 184, 220, 242


 232, 238, 242


 160, 210, 242


 255, 248, 242


 135, 201, 242


 255, 255, 242

 111, 192, 242

 87, 183, 242

 63, 173, 242

 39, 164, 242

 14, 155, 242

 0, 149, 242

Harmonies

Analogous

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



203, 231, 236



208, 229, 242



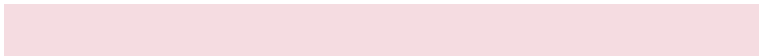
218, 226, 244

Triad

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



208, 229, 242



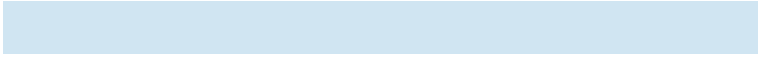
245, 220, 225



222, 228, 210

Complementary

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



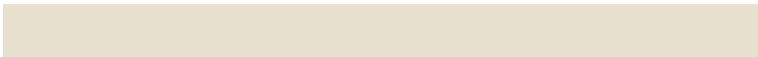
208, 229, 242



242, 221, 208

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.



233, 225, 207



208, 229, 242



246, 220, 216

Square

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



208, 229, 242



239, 221, 234



241, 222, 209



212, 231, 217

Rectangle

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



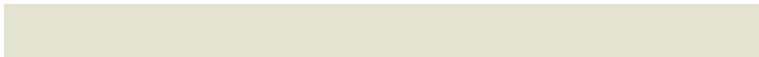
208, 229, 242



225, 224, 243



241, 222, 209



226, 227, 209

Sweetspot

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



208, 229, 242



245, 251, 255



208, 242, 220



121, 125, 128



0, 0, 0



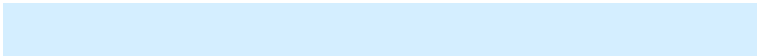
128, 128, 128

Same Dimension

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



208, 229, 242



212, 238, 255



208, 213, 242



108, 115, 120



0, 113, 184



0, 35, 56

Inverse Universe

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



242, 208, 229



255, 212, 238



242, 237, 208



120, 108, 115



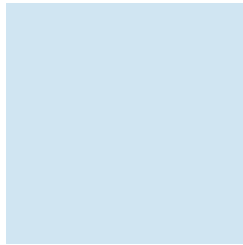
184, 0, 113



56, 0, 35

Previews

White Background



This preview shows how the RGB color 208, 229, 242 looks on a white background.

Color Contrast Check

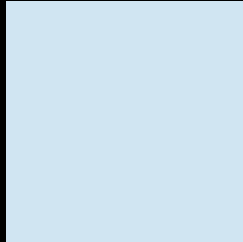
Large Text (above 18pt) WCAG AA × Fail

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 208, 229, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

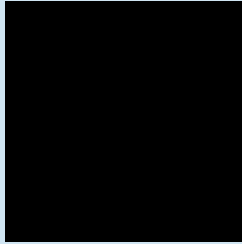
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

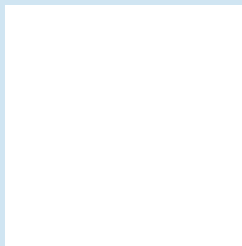
Any Text WCAG AAA ✓ Pass

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

RGB 208, 229, 242 Background



This preview shows how black text looks on a background with the RGB color 208, 229, 242.



This preview shows how white text looks on a background with the RGB color 208, 229, 242.

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](#).

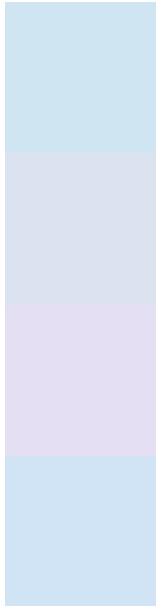
Dichromacy





Tritanopia
209, 228, 246

Trichromacy



Original Color

208, 229, 242

Protanomaly

219, 226, 240

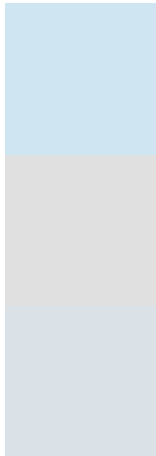
Deuteranomaly

228, 223, 243

Tritanomaly

209, 228, 245

Monochromacy



Original Color

208, 229, 242

Achromatopsia

224, 224, 224

Achromatomaly

218, 226, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 229, 242 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(208, 229, 242)` looks like.

```
.text, #text, p{  
    color:rgb(208, 229, 242)  
}
```

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(208, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 229, 242) }
```

Border

The CSS property to change the border of an element to RGB 208, 229, 242 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(208, 229, 242) }
```

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

```
.border{ border-color:rgb(208, 229, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 229, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 229, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 229, 242);  
box-shadow:4px 4px 4px 4px rgb(208, 229,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 208, 229, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 229, 242) }
```

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

```
.background{ background-color: rgb(208,  
229, 242) }
```

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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