

Converting Colors

RGB(205, 227, 240)

Have a look what the booklet for
RGB(205, 227, 240) contains.

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Color

RGB(205, 227, 240)

Conversions

Conversions Part 1

Format	Color
Hex	CDE3F0
RGB	205, 227, 240
RGB Percent	80%, 89%, 94%
CMY	0.1961, 0.1098, 0.0588
CMYK	0.15, 0.05, 0.00, 0.06
HSL	202°, 54%, 87%
HSV	202°, 15%, 94%
XYZ	68.3741, 74.2086, 93.1581
YIQ	221.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

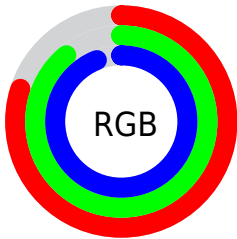
Format	Color
R _Y B	205, 219, 240
Decimal	13493232
CIE Lab	89.02, -4.67, -8.80
CIE LCh	89, 9.958, 242.054
Yxy	74.2086, 0.2900, 0.3148
Android (android.graphics.Color)	4291683312 (0xFFCDE3F0)
YUV	221.9040, 8.9213, -14.8248
Hunter-Lab	86.1444, -9.0746, -3.8162

Details

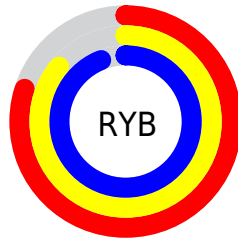
The RGB color **205, 227, 240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **240, 218, 205**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 172, 184** is the 20% darker color. If you saturate the color by 10%, you get **181, 218, 240**, and if you desaturate by 10%, it is **229, 236, 240**.

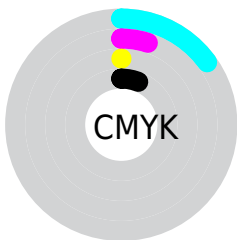
Distribution



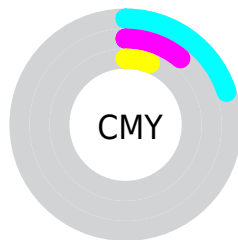
- Red (80%)
- Green (89%)
- Blue (94%)



- Red (80%)
- Yellow (86%)
- Blue (94%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 227, 240 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 205, 227, 240 by changing the saturation by 10% instead.

■ 205, 227, 240

255, 255, 255

■ 205, 227, 240

■ 177, 199, 212

■ 150, 172, 184

■ 124, 145, 157

■ 99, 119, 131

■ 75, 95, 106

■ 52, 71, 82


■ 29, 49, 59

■ 7, 28, 37

■ 0, 1, 16

 205, 227, 240

 205, 227, 240

 181, 218, 240

 229, 236, 240

 157, 209, 240


 253, 245, 240


 133, 200, 240


 255, 254, 240


 109, 191, 240

 255, 255, 240

 85, 182, 240

 61, 174, 240

 37, 165, 240

 13, 156, 240

 0, 151, 240

Harmonies

Analogous

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



200, 229, 233



205, 227, 240



215, 224, 242

Triad

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



205, 227, 240



243, 217, 223



220, 226, 207

Complementary

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



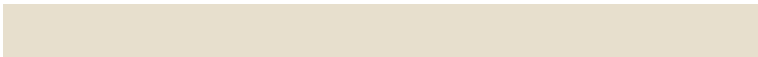
205, 227, 240



240, 218, 205

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.



231, 223, 205



205, 227, 240



244, 218, 214

Square

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



205, 227, 240



237, 218, 233



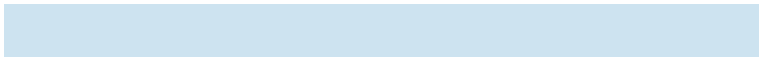
240, 220, 207



210, 228, 214

Rectangle

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



205, 227, 240



223, 222, 241



240, 220, 207



224, 225, 206

Sweetspot

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



205, 227, 240



245, 251, 255



205, 240, 218



121, 125, 128



0, 0, 0



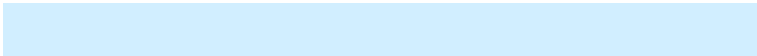
128, 128, 128

Same Dimension

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



205, 227, 240



209, 238, 255



205, 210, 240



108, 115, 120



0, 115, 184



0, 35, 56

Inverse Universe

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



240, 205, 227



255, 209, 238



240, 235, 205



120, 108, 115



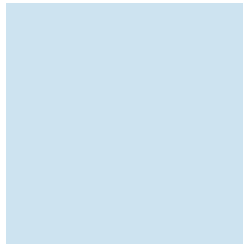
184, 0, 115



56, 0, 35

Previews

White Background



This preview shows how the RGB color 205, 227, 240 looks on a white background.

Color Contrast Check

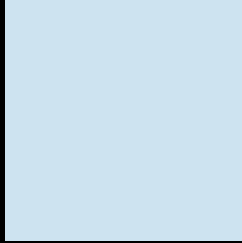
Large Text (above 18pt) WCAG AA × Fail

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 205, 227, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

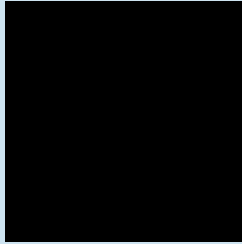
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

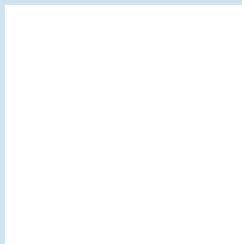
Any Text WCAG AAA ✓ Pass

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

RGB 205, 227, 240 Background



This preview shows how black text looks on a background with the RGB color 205, 227, 240.



This preview shows how white text looks on a background with the RGB color 205, 227, 240.

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](#).

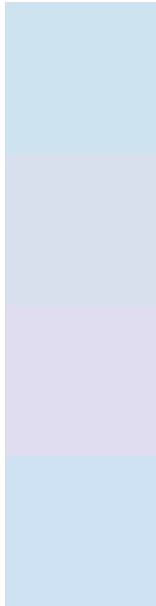
Dichromacy





Tritanopia
206, 226, 244

Trichromacy



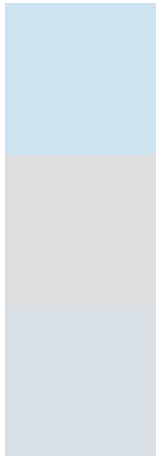
Original Color
205, 227, 240

Protanomaly
216, 224, 238

Deuteranomaly
225, 221, 241

Tritanomaly
206, 226, 243

Monochromacy



Original Color
205, 227, 240

Achromatopsia
222, 222, 222

Achromatomaly
216, 224, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 227, 240 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(205, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 240)  
}
```

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(205, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 240) }
```

Border

The CSS property to change the border of an element to RGB 205, 227, 240 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(205, 227, 240) }
```

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

```
.border{ border-color:rgb(205, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 205, 227, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 240) }
```

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

```
.background{ background-color: rgb(205,  
227, 240) }
```

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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