

Converting Colors

RGB(205, 233, 242)

Have a look what the booklet for
RGB(205, 233, 242) contains.

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Color

RGB(205, 233, 242)

Conversions

Conversions Part 1

Format	Color
Hex	CDE9F2
RGB	205, 233, 242
RGB Percent	80%, 91%, 95%
CMY	0.1961, 0.0863, 0.0510
CMYK	0.15, 0.04, 0.00, 0.05
HSL	195°, 59%, 88%
HSV	195°, 15%, 95%
XYZ	70.3428, 77.6678, 95.2883
YIQ	225.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

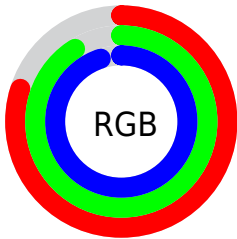
Format	Color
R _{YB}	205, 221, 242
Decimal	13494770
CIE Lab	90.63, -7.33, -7.46
CIE LCh	91, 10.463, 225.494
Yxy	77.6678, 0.2891, 0.3192
Android (android.graphics.Color)	4291684850 (0xFFCDE9F2)
YUV	225.6540, 8.0586, -18.1136
Hunter-Lab	88.1293, -11.7518, -2.4158

Details

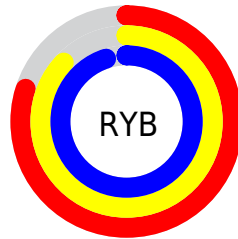
The RGB color **205, 233, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 214, 205**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 177, 186** is the 20% darker color. If you saturate the color by 10%, you get **181, 227, 242**, and if you desaturate by 10%, it is **229, 239, 242**.

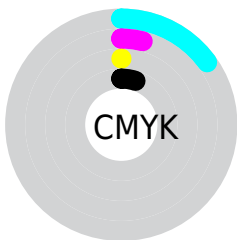
Distribution



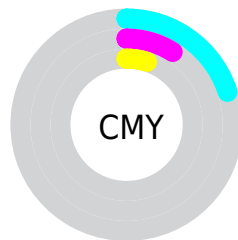
- Red (80%)
- Green (91%)
- Blue (95%)



- Red (80%)
- Yellow (87%)
- Blue (95%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 233, 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 205, 233, 242 by changing the saturation by 10% instead.

■ 205, 233, 242

255, 255, 255

■ 205, 233, 242

■ 177, 205, 214

■ 150, 177, 186

■ 124, 151, 159

■ 99, 125, 133

■ 74, 100, 108

■ 51, 76, 83

■ 28, 53, 60

■ 5, 32, 39

■ 0, 5, 18

 205, 233, 242

 205, 233, 242

 181, 227, 242

 229, 239, 242

 157, 221, 242

 253, 245, 242


 132, 215, 242


 255, 251, 242


 108, 209, 242


 255, 255, 242

 84, 204, 242

 60, 198, 242

 36, 192, 242

 11, 186, 242

 0, 183, 242

Harmonies

Analogous

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



204, 234, 233



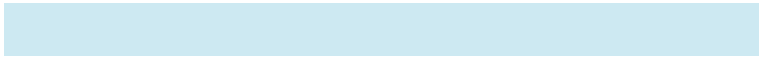
205, 233, 242



213, 230, 247

Triad

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



205, 233, 242



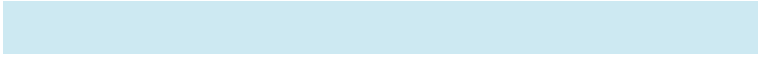
246, 222, 233



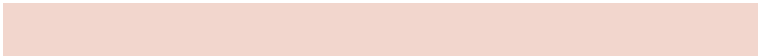
231, 229, 209

Complementary

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



205, 233, 242



242, 214, 205

Split Complementary

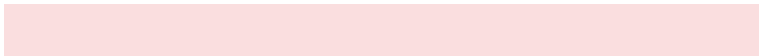
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 226, 209



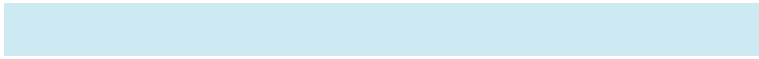
205, 233, 242



250, 222, 223

Square

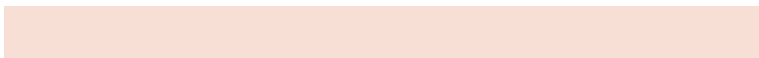
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205, 233, 242



236, 224, 242



248, 223, 214



219, 232, 214

Rectangle

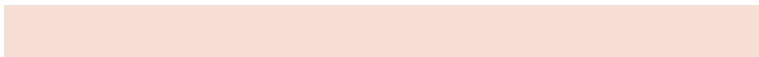
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



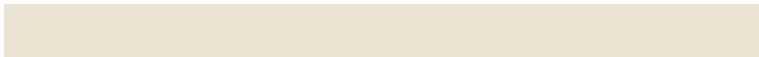
205, 233, 242



220, 228, 248



248, 223, 214



235, 228, 208

Sweetspot

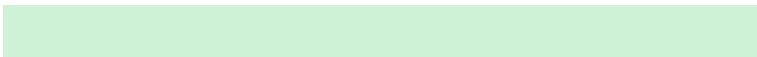
The Sweet Spot groups the original color and five complimentary colors.



205, 233, 242



242, 252, 255



205, 242, 214



120, 126, 128



0, 0, 0



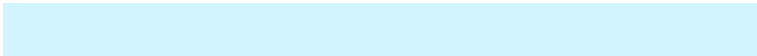
128, 128, 128

Same Dimension

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



205, 233, 242



209, 244, 255



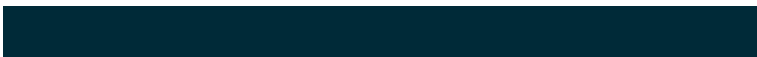
205, 215, 242



108, 117, 120



0, 139, 184



0, 42, 56

Inverse Universe

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



242, 205, 233



255, 209, 244



242, 232, 205



120, 108, 117



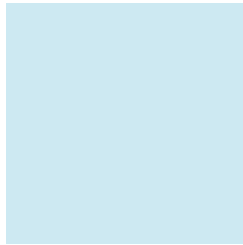
184, 0, 139



56, 0, 42

Previews

White Background



This preview shows how the RGB color 205, 233, 242 looks on a white background.

Color Contrast Check

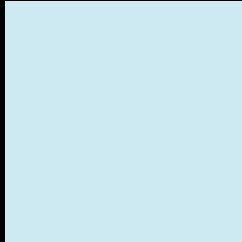
Large Text (above 18pt) WCAG AA × Fail

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 205, 233, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

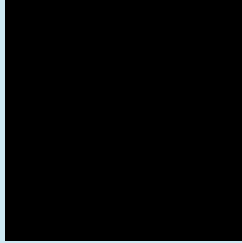
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

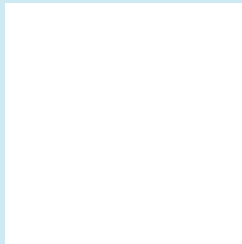
Any Text WCAG AAA ✓ Pass

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

RGB 205, 233, 242 Background



This preview shows how black text looks on a background with the RGB color 205, 233, 242.



This preview shows how white text looks on a background with the RGB color 205, 233, 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](#).

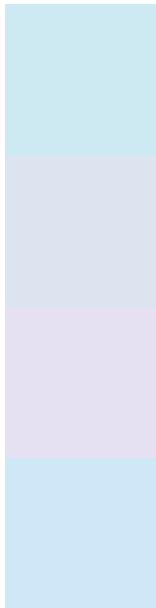
Dichromacy





Tritanopia
207, 232, 250

Trichromacy



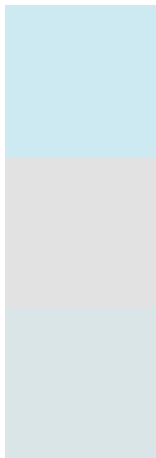
Original Color
205, 233, 242

Protanomaly
220, 229, 239

Deuteranomaly
229, 225, 243

Tritanomaly
206, 232, 247

Monochromacy



Original Color
205, 233, 242

Achromatopsia
226, 226, 226

Achromatomaly
218, 229, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 233, 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(205, 233, 242)` looks like.

```
.text, #text, p{  
    color:rgb(205, 233, 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(205, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 233, 242) }
```

Border

The CSS property to change the border of an element to RGB 205, 233, 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(205, 233, 242) }
```

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

```
.border{ border-color:rgb(205, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(205, 233,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 205, 233, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 233, 242) }
```

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

```
.background{ background-color: rgb(205,  
233, 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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