

Converting Colors

`RYB(207, 225, 245)`

Have a look what the booklet for RYB(207, 225, 245) contains.

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Color

R_YB(207, 225, 245)

Conversions

Conversions Part 1

Format	Color
Hex	CFF1F5
RGB	207, 241, 245
RGB Percent	81%, 95%, 96%
CMY	0.1882, 0.0541, 0.0392
CMYK	0.16, 0.02, 0.00, 0.04
HSL	186°, 66%, 89%
HSV	186°, 16%, 96%
XYZ	73.7281, 82.8870, 98.4991
YIQ	231.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

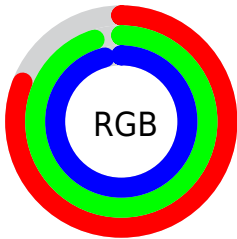
Format	Color
R_{YB}	207, 225, 245
Decimal	13627893
CIE _{Lab}	92.96, -10.27, -5.56
CIE _{LCh}	93, 11.673, 208.432
Yxy	82.8870, 0.2890, 0.3249
Android (android.graphics.Color)	4291817973 (0xFFCFF1F5)
YUV	231.2900, 6.7590, -21.3023
Hunter-Lab	91.0423, -14.7708, -0.4165

Details

The RYB color **207, 225, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 211, 207**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **152, 169, 189** is the 20% darker color. If you saturate the color by 10%, you get **183, 212, 245**, and if you desaturate by 10%, it is **232, 238, 245**.

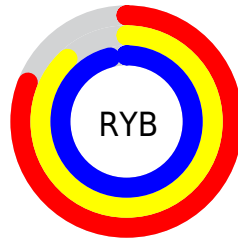
Distribution



Red (81%)

Green (95%)

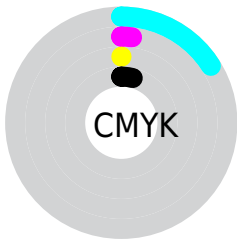
Blue (96%)



Red (81%)

Yellow (88%)

Blue (96%)

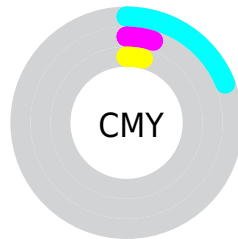


Cyan (16%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (19%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 225, 245 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 RYB color 207, 225, 245 by changing the saturation by 10% instead.

■ 207, 225, 245

255, 255, 255

■ 207, 225, 245

■ 179, 197, 217

■ 152, 169, 189

■ 126, 143, 162

■ 100, 117, 136

■ 76, 92, 110

■ 52, 68, 86

■ 29, 45, 63

■ 5, 22, 41

■ 0, 10, 21

 207, 225, 245

 207, 225, 245

 183, 212, 245

 232, 238, 245

 158, 199, 245


 255, 246, 245

 133, 186, 245


 255, 252, 245

 109, 173, 245


 252, 255, 245


 85, 161, 245


 248, 255, 245

 60, 147, 245

 245, 255, 245

 36, 135, 245

 11, 122, 245

 0, 116, 245

Harmonies

Analogous

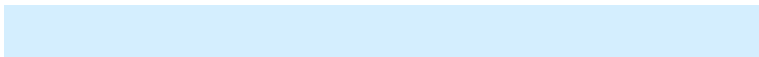
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210, 228, 242



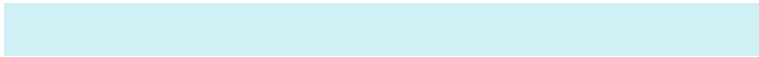
207, 225, 245



212, 228, 254

Triad

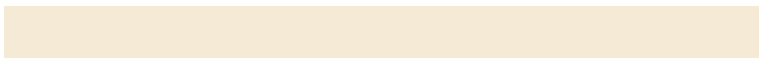
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



207, 225, 245



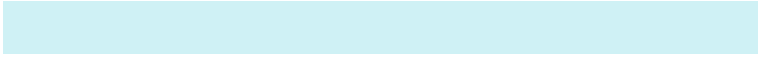
249, 229, 247



230, 245, 213

Complementary

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



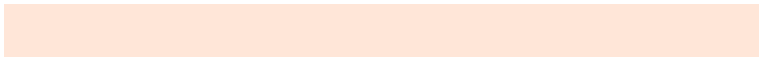
207, 225, 245



245, 211, 207

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.



255, 238, 216



207, 225, 245



255, 227, 236

Square

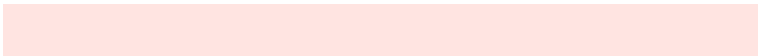
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



207, 225, 245



236, 232, 254



255, 228, 225



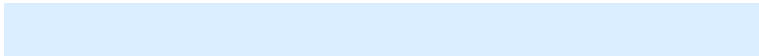
215, 237, 220

Rectangle

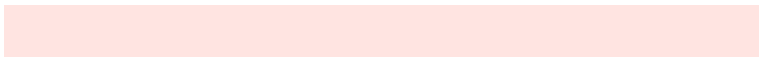
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



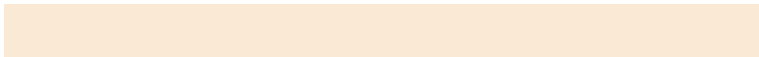
207, 225, 245



218, 231, 255



255, 228, 225



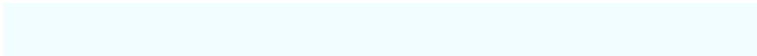
242, 249, 213

Sweetspot

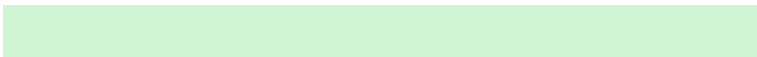
The Sweet Spot groups the original color and five complimentary colors.



207, 225, 245



242, 248, 255



207, 241, 245



120, 124, 128



0, 0, 0



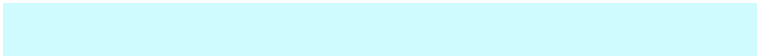
128, 128, 128

Same Dimension

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



207, 225, 245



207, 230, 255



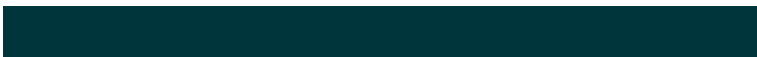
207, 218, 245



110, 116, 122



0, 88, 186



0, 28, 59

Inverse Universe

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



245, 207, 241



255, 207, 250



232, 245, 207



122, 110, 121



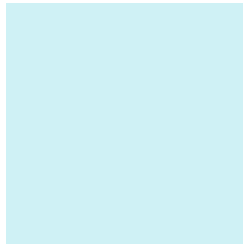
186, 0, 168



59, 0, 53

Previews

White Background



This preview shows how the RYB color 207, 225, 245 looks on a white background.

Color Contrast Check

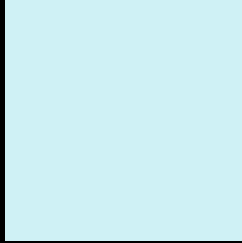
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 207, 225, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

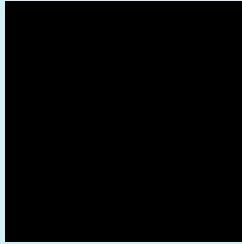
Any Text WCAG AA ✓ Pass

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](#).

RYB 207, 225, 245 Background



This preview shows how black text looks on a background with the RYB color 207, 225, 245.



This preview shows how white text looks on a background with the RYB color 207, 225, 245.

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](#).

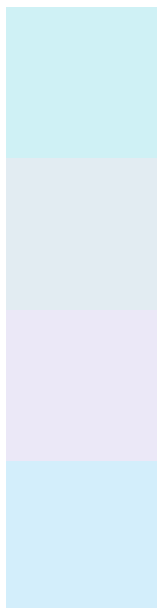
Dichromacy





Tritanopia
213, 229, 255

Trichromacy



Original Color

207, 225, 245

Protanomaly

226, 232, 242

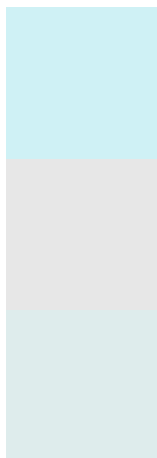
Deuteranomaly

235, 232, 247

Tritanomaly

211, 227, 251

Monochromacy



Original Color

207, 225, 245

Achromatopsia

231, 231, 231

Achromatomaly

222, 229, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 225, 245 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(207, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(207, 241, 245)  
}
```

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(207, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 241, 245) }
```

Border

The CSS property to change the border of an element to RYB 207, 225, 245 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(207, 241, 245) }
```

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

```
.border{ border-color:rgb(207, 241, 245) }
```

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

Here you see how a box with a 4 pixel rgb(207, 241, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(207, 241,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 207, 241, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 241, 245) }
```

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

```
.background{ background-color: rgb(207,  
241, 245) }
```

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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