

Converting Colors

`RYB(205, 233, 250)`

Have a look what the booklet for RYB(205, 233, 250) contains.

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Color

R_YB(205, 233, 250)

Conversions

Conversions Part 1

Format	Color
Hex	CDFAE8
RGB	205, 250, 232
RGB Percent	80%, 98%, 91%
CMY	0.1961, 0.0196, 0.0889
CMYK	0.18, 0.00, 0.07, 0.02
HSL	156°, 82%, 89%
HSV	156°, 18%, 98%
XYZ	73.9736, 87.1948, 89.5150
YIQ	234.4930, -21.0420, -15.1380

Conversions

Conversions Part 2

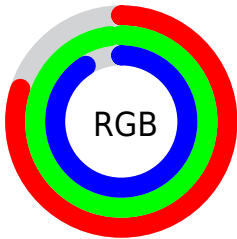
Format	Color
R_{YB}	205, 233, 250
Decimal	13499112
CIE _{Lab}	94.82, -17.76, 3.71
CIE _{LCh}	95, 18.139, 168.194
Yxy	87.1948, 0.2951, 0.3478
Android (android.graphics.Color)	4291689192 (0xFFCDDFAE8)
YUV	234.4930, -1.2290, -25.8654
Hunter-Lab	93.3782, -22.0051, 8.5276

Details

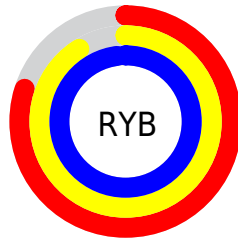
The RYB color **205, 233, 250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **250, 205, 223**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 177, 193** is the 20% darker color. If you saturate the color by 10%, you get **180, 223, 250**, and if you desaturate by 10%, it is **230, 243, 250**.

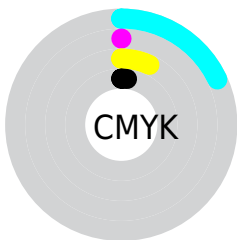
Distribution



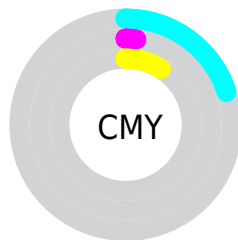
- Red (80%)
- Green (98%)
- Blue (91%)



- Red (80%)
- Yellow (91%)
- Blue (98%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (20%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 233, 250 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 205, 233, 250 by changing the saturation by 10% instead.

■ 205, 233, 250

255, 255, 255

■ 205, 233, 250

■ 177, 204, 221

■ 150, 176, 193

■ 124, 150, 166

■ 98, 124, 140

■ 74, 99, 114

■ 50, 74, 89

■ 26, 50, 66

■ 2, 26, 43

■ 0, 19, 25

■ 205, 233, 250

■ 205, 233, 250

■ 180, 223, 250

■ 230, 243, 250

■ 155, 214, 250

■ 255, 250, 252

■ 130, 205, 250

■ 255, 250, 255

■ 105, 195, 250

■ 80, 186, 250

■ 55, 176, 250

■ 30, 167, 250

■ 5, 157, 250

■ 0, 155, 250

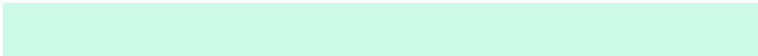
Harmonies

Analogous

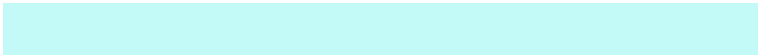
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 247, 240



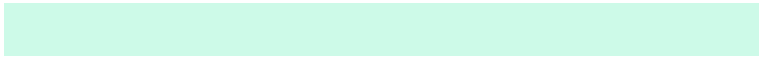
205, 233, 250



195, 223, 250

Triad

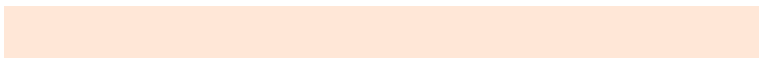
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 233, 250



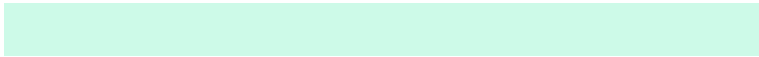
235, 238, 255



255, 242, 215

Complementary

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



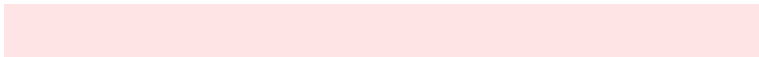
205, 233, 250



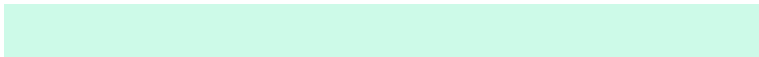
250, 205, 223

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, 228, 230



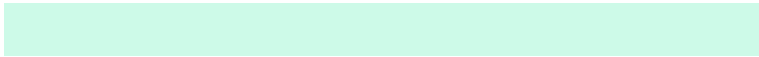
205, 233, 250



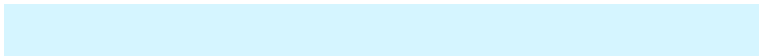
255, 232, 255

Square

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



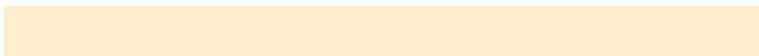
205, 233, 250



213, 231, 255



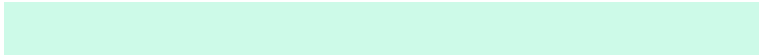
255, 229, 248



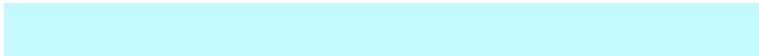
234, 255, 206

Rectangle

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



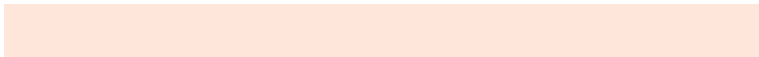
205, 233, 250



196, 224, 255



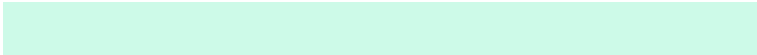
255, 229, 248



255, 235, 219

Sweetspot

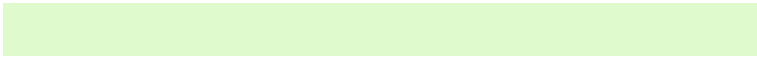
The Sweet Spot groups the original color and five complimentary colors.



205, 233, 250



242, 250, 255



205, 250, 232



120, 125, 128



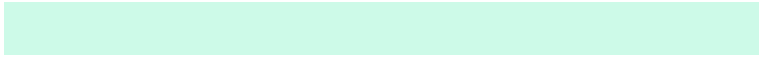
0, 0, 0



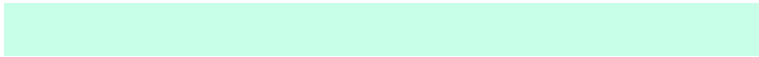
128, 128, 128

Same Dimension

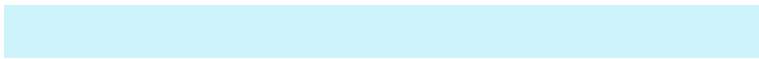
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 233, 250



199, 234, 255



205, 226, 250



112, 120, 125



0, 118, 189



0, 38, 61

Inverse Universe

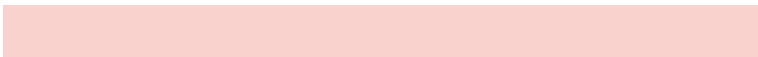
The Inverse Universe completely reimagines the original color for something new.



250, 205, 223



255, 199, 221



250, 211, 205



125, 112, 117



189, 0, 74



61, 0, 24

Previews

White Background



This preview shows how the RYB color 205, 233, 250 looks on a white background.

Color Contrast Check

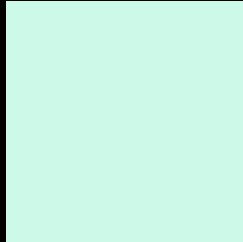
Large Text (above 18pt) WCAG AA × Fail

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 205, 233, 250 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

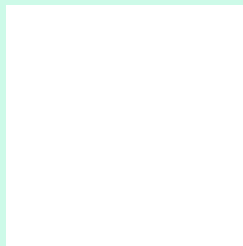
Any Text WCAG AAA ✓ Pass

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

RYB 205, 233, 250 Background



This preview shows how black text looks on a background with the RYB color 205, 233, 250.



This preview shows how white text looks on a background with the RYB color 205, 233, 250.

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





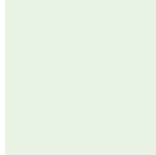
Tritanopia
223, 235, 255

Trichromacy



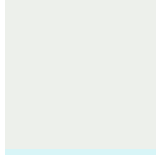
Original Color

205, 233, 250



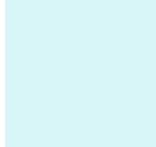
Protanomaly

228, 243, 239



Deuteranomaly

235, 240, 238



Tritanomaly

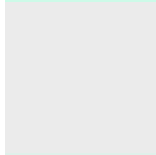
216, 231, 247

Monochromacy



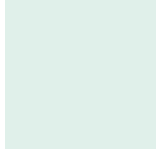
Original Color

205, 233, 250



Achromatopsia

235, 235, 235



Achromatomaly

224, 234, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 233, 250 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, 250, 232)` looks like.

```
.text, #text, p{  
    color:rgb(205, 250, 232)  
}
```

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, 250, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 250, 232) }
```

Border

The CSS property to change the border of an element to RYB 205, 233, 250 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, 250, 232) }
```

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

```
.border{ border-color:rgb(205, 250, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 250, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 250, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 250, 232);  
box-shadow:4px 4px 4px 4px rgb(205, 250,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 205, 233, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 250, 232) }
```

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

```
.background{ background-color: rgb(205,  
250, 232) }
```

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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