

Converting Colors

`RYB(203, 223, 244)`

Have a look what the booklet for RYB(203, 223, 244) contains.

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Color

R_YB(203, 223, 244)

Conversions

Conversions Part 1

Format	Color
Hex	CBF2F4
RGB	203, 242, 244
RGB Percent	80%, 95%, 96%
CMY	0.2039, 0.0508, 0.0431
CMYK	0.17, 0.01, 0.00, 0.04
HSL	183°, 65%, 88%
HSV	183°, 17%, 96%
XYZ	72.7240, 82.7608, 97.7294
YIQ	230.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

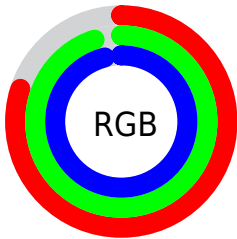
Format	Color
R _Y B	203, 223, 244
Decimal	13366004
CIE Lab	92.91, -12.12, -5.15
CIE LCh	93, 13.170, 203.012
Yxy	82.7608, 0.2872, 0.3268
Android (android.graphics.Color)	4291556084 (0xFFC _B F ₂ F ₄)
YUV	230.5670, 6.6225, -24.1763
Hunter-Lab	90.9729, -16.5092, -0.0123

Details

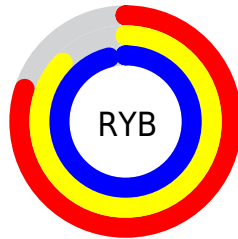
The RYB color **203, 223, 244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 205, 203**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 167, 188** is the 20% darker color. If you saturate the color by 10%, you get **179, 211, 244**, and if you desaturate by 10%, it is **227, 235, 244**.

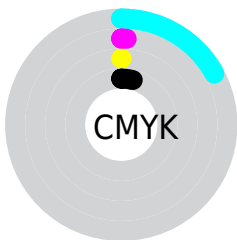
Distribution



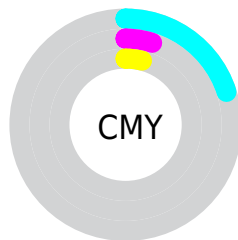
- Red (80%)
- Green (95%)
- Blue (96%)



- Red (80%)
- Yellow (87%)
- Blue (96%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 223, 244 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 203, 223, 244 by changing the saturation by 10% instead.

■ 203, 223, 244

255, 255, 255

■ 203, 223, 244

■ 175, 195, 216

■ 148, 167, 188

■ 122, 141, 161

■ 97, 115, 135

■ 72, 90, 109

■ 48, 66, 85

■ 24, 42, 62

■ 0, 19, 40


■ 0, 9, 20

 203, 223, 244


 203, 223, 244

 179, 211, 244


 227, 235, 244

 154, 198, 244


 252, 244, 244

 130, 186, 244


 255, 246, 244

 105, 173, 244


 255, 248, 244

 81, 160, 244

 255, 250, 244

 57, 148, 244

 255, 253, 244

 32, 135, 244

 253, 255, 244

 8, 123, 244

 250, 255, 244

 0, 119, 244

 246, 255, 244

Harmonies

Analogous

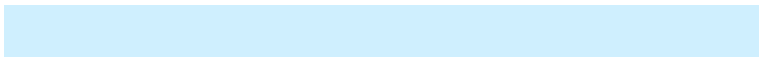
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 228, 242



203, 223, 244



207, 226, 254

Triad

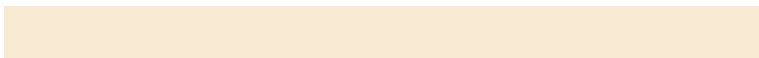
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 223, 244



249, 229, 250



235, 248, 210

Complementary

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



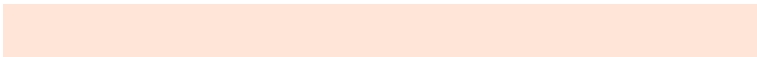
203, 223, 244



244, 205, 203

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, 237, 215



203, 223, 244



255, 226, 238

Square

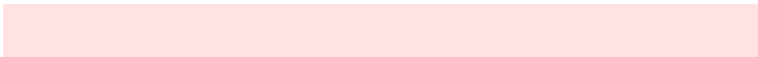
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203, 223, 244



234, 232, 255



255, 226, 225



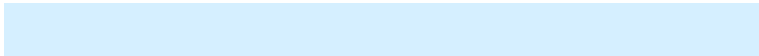
211, 237, 214

Rectangle

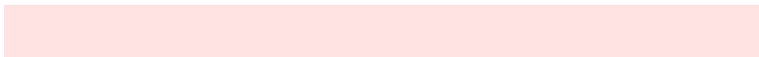
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



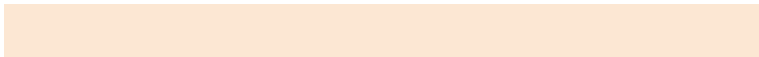
203, 223, 244



213, 229, 255



255, 226, 225



252, 250, 211

Sweetspot

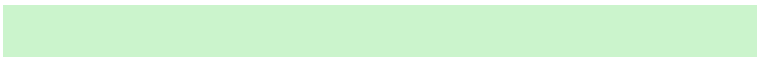
The Sweet Spot groups the original color and five complimentary colors.



203, 223, 244



242, 248, 255



203, 243, 244



120, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 223, 244



204, 229, 255



203, 216, 244



110, 116, 122



0, 91, 186



0, 29, 59

Inverse Universe

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



244, 203, 242



255, 204, 253



238, 244, 203



122, 110, 122



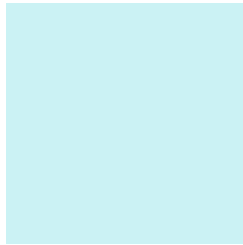
186, 0, 177



59, 0, 56

Previews

White Background



This preview shows how the RYB color 203, 223, 244 looks on a white background.

Color Contrast Check

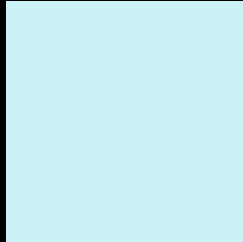
Large Text (above 18pt) WCAG AA × Fail

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 203, 223, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

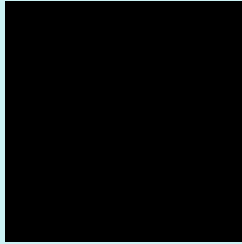
Any Text WCAG AA ✓ Pass

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 203, 223, 244 Background



This preview shows how black text looks on a background with the RYB color 203, 223, 244.



This preview shows how white text looks on a background with the RYB color 203, 223, 244.

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





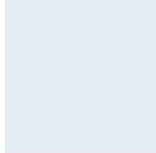
Tritanopia
211, 228, 255

Trichromacy



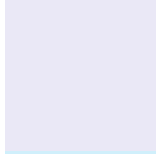
Original Color

203, 223, 244



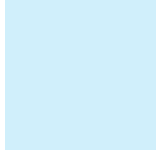
Protanomaly

225, 232, 241



Deuteranomaly

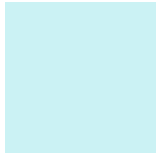
234, 232, 246



Tritanomaly

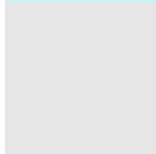
208, 226, 251

Monochromacy



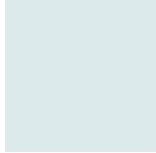
Original Color

203, 223, 244



Achromatopsia

231, 231, 231



Achromatomaly

221, 228, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 223, 244 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(203, 242, 244)` looks like.

```
.text, #text, p{  
    color:rgb(203, 242, 244)  
}
```

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(203, 242, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 242, 244) }
```

Border

The CSS property to change the border of an element to RYB 203, 223, 244 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(203, 242, 244) }
```

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

```
.border{ border-color:rgb(203, 242, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 242, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 242, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 242, 244);  
box-shadow:4px 4px 4px 4px rgb(203, 242,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 203, 223, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 242, 244) }
```

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

```
.background{ background-color: rgb(203,  
242, 244) }
```

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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