

Converting Colors

`RYB(208, 225, 243)`

Have a look what the booklet for RYB(208, 225, 243) contains.

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Color

R_YB(208, 225, 243)

Conversions

Conversions Part 1

Format	Color
Hex	D0F1F3
RGB	208, 241, 243
RGB Percent	82%, 95%, 95%
CMY	0.1843, 0.0547, 0.0471
CMYK	0.14, 0.01, 0.00, 0.05
HSL	183°, 59%, 88%
HSV	183°, 14%, 95%
XYZ	73.6618, 82.8245, 96.8983
YIQ	231.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

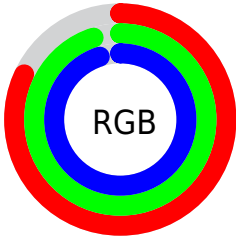
Format	Color
R _Y B	208, 225, 243
Decimal	13693427
CIE Lab	92.94, -10.28, -4.55
CIE LCh	93, 11.247, 203.873
Yxy	82.8245, 0.2907, 0.3269
Android (android.graphics.Color)	4291883507 (0xFFD0F1F3)
YUV	231.3610, 5.7380, -20.4876
Hunter-Lab	91.0079, -14.7860, 0.5781

Details

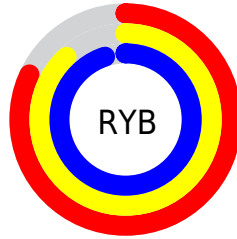
The RYB color **208, 225, 243** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 210, 208**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 169, 187** is the 20% darker color. If you saturate the color by 10%, you get **184, 213, 243**, and if you desaturate by 10%, it is **232, 237, 243**.

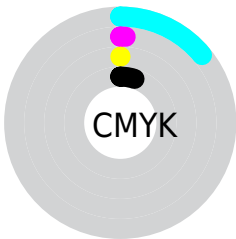
Distribution



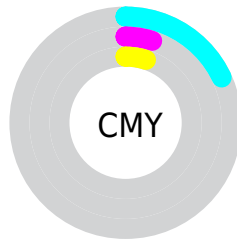
- Red (82%)
- Green (95%)
- Blue (95%)



- Red (82%)
- Yellow (88%)
- Blue (95%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 225, 243 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 208, 225, 243 by changing the saturation by 10% instead.

■ 208, 225, 243

255, 255, 255

■ 208, 225, 243

■ 180, 197, 215

■ 153, 169, 187

■ 127, 143, 160

■ 101, 117, 134

■ 77, 92, 109

■ 53, 68, 84

■ 30, 45, 61

■ 7, 23, 39

■ 0, 9, 19

 208, 225, 243

 208, 225, 243

 184, 213, 243


 232, 237, 243

 159, 200, 243


 255, 244, 243

 135, 187, 243


 255, 245, 243

 111, 175, 243


 255, 247, 243

 86, 162, 243


 255, 252, 243

 62, 150, 243


 255, 255, 243

 38, 138, 243

 249, 255, 243

 14, 125, 243

 247, 255, 243

 0, 118, 243

 245, 255, 243

Harmonies

Analogous

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



212, 229, 241



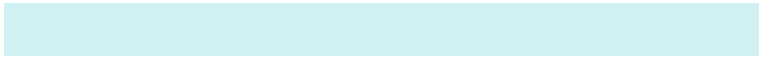
208, 225, 243



211, 228, 252

Triad

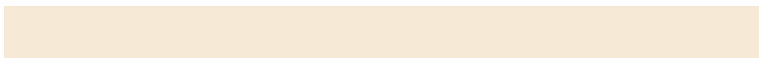
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



208, 225, 243



247, 229, 248



234, 246, 213

Complementary

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



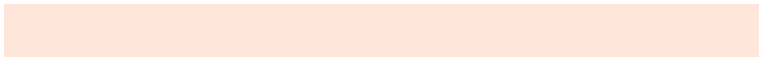
208, 225, 243



243, 210, 208

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, 236, 218



208, 225, 243



255, 228, 237

Square

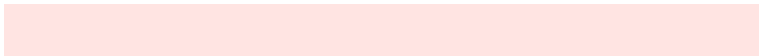
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208, 225, 243



234, 233, 254



255, 228, 226



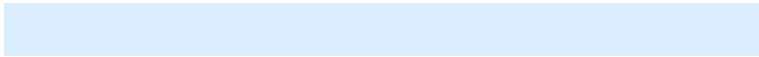
215, 237, 218

Rectangle

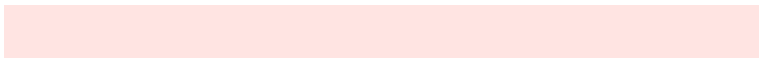
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



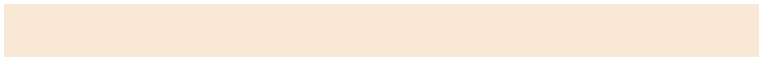
208, 225, 243



217, 230, 255



255, 228, 226



250, 250, 214

Sweetspot

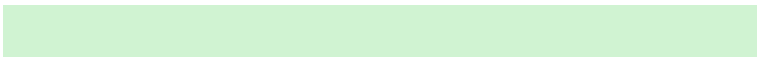
The Sweet Spot groups the original color and five complimentary colors.



208, 225, 243



245, 250, 255



208, 241, 243



121, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 225, 243



212, 233, 255



208, 219, 243



110, 116, 122



0, 90, 186



0, 28, 59

Inverse Universe

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



243, 208, 241



255, 212, 253



237, 243, 208



122, 110, 122



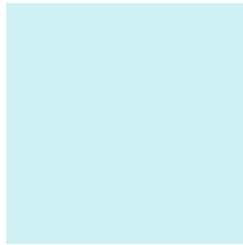
186, 0, 176



59, 0, 55

Previews

White Background



This preview shows how the RYB color 208, 225, 243 looks on a white background.

Color Contrast Check

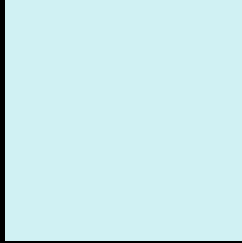
Large Text (above 18pt) WCAG AA × Fail

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 208, 225, 243 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](#).

RYP 208, 225, 243 Background



This preview shows how black text looks on a background with the RYP color 208, 225, 243.

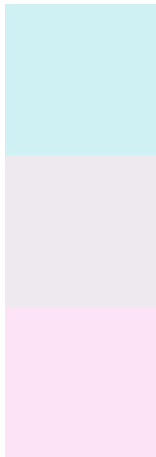


This preview shows how white text looks on a background with the RYP color 208, 225, 243.

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



Original Color
208, 225, 243

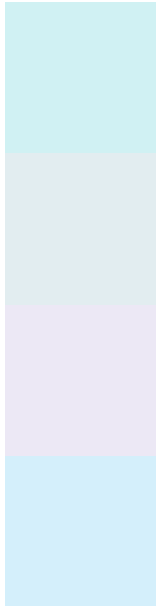
Protanopia
237, 233, 238

Deuteranopia
252, 227, 246



Tritanopia
214, 229, 255

Trichromacy



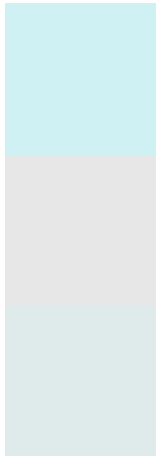
Original Color
208, 225, 243

Protanomaly
226, 232, 240

Deuteranomaly
236, 232, 245

Tritanomaly
212, 228, 251

Monochromacy



Original Color
208, 225, 243

Achromatopsia
231, 231, 231

Achromatomaly
223, 229, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 225, 243 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(208, 241, 243)` looks like.

```
.text, #text, p{  
    color:rgb(208, 241, 243)  
}
```

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(208, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 241, 243) }
```

Border

The CSS property to change the border of an element to RYB 208, 225, 243 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(208, 241, 243) }
```

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

```
.border{ border-color:rgb(208, 241, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 241, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 241, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 241, 243); box-shadow:4px 4px 4px 4px rgb(208, 241, 243) }
```

Background

The CSS property to change the background color of an element to RGB 208, 241, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 241, 243) }
```

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

```
.background{ background-color: rgb(208,  
241, 243) }
```

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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