

Converting Colors

RYB(208, 215, 226)

Have a look what the booklet for
RYB(208, 215, 226) contains.

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Color

RYB(208, 215, 226)

Conversions

Conversions Part 1

Format	Color
Hex	D0DBE2
RGB	208, 219, 226
RGB Percent	82%, 86%, 89%
CMY	0.1843, 0.1394, 0.1137
CMYK	0.08, 0.03, 0.00, 0.11
HSL	202°, 24%, 85%
HSV	202°, 8%, 89%
XYZ	65.1902, 69.8014, 81.9886
YIQ	216.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

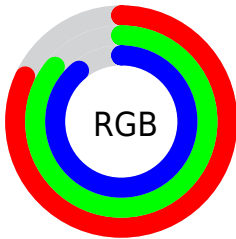
Format	Color
R _Y B	208, 215, 226
Decimal	13687778
CIE Lab	86.90, -2.59, -4.54
CIE LCh	87, 5.226, 240.334
Yxy	69.8014, 0.3004, 0.3217
Android (android.graphics.Color)	4291877858 (0xFFD0DBE2)
YUV	216.5090, 4.6791, -7.4624
Hunter-Lab	83.5472, -6.9279, 0.2992

Details

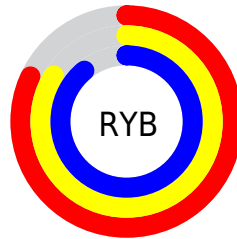
The RYB color **208, 215, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 219, 208**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 160, 171** is the 20% darker color. If you saturate the color by 10%, you get **185, 201, 226**, and if you desaturate by 10%, it is **231, 229, 226**.

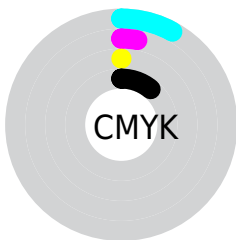
Distribution



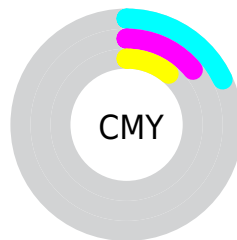
- Red (82%)
- Green (86%)
- Blue (89%)



- Red (82%)
- Yellow (84%)
- Blue (89%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 215, 226 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, 215, 226 by changing the saturation by 10% instead.

■ 208, 215, 226

255, 255, 255

■ 208, 215, 226

■ 180, 187, 198

■ 154, 161, 171

■ 128, 134, 144

■ 102, 109, 119

■ 78, 84, 94

■ 55, 61, 70

■ 34, 39, 48

■ 13, 19, 27

■ 0, 0, 0

■ 208, 215, 226

■ 208, 215, 226

■ 185, 201, 226

■ 231, 229, 226

■ 163, 187, 226

■ 253, 242, 226

■ 140, 174, 226

■ 244, 255, 226

■ 118, 160, 226

■ 229, 255, 226

■ 95, 146, 226

■ 226, 255, 226

■ 72, 132, 226

■ 50, 118, 226

■ 27, 105, 226

■ 5, 91, 226

Harmonies

Analogous

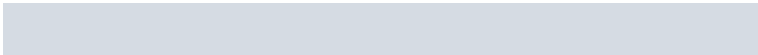
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 213, 222



208, 215, 226



213, 217, 227

Triad

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



208, 215, 226



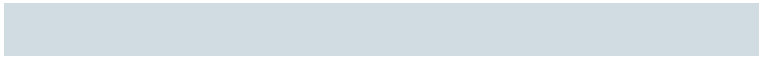
228, 214, 218



209, 219, 212

Complementary

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



208, 215, 226



226, 219, 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.



216, 222, 208



208, 215, 226



229, 215, 213

Square

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



208, 215, 226



224, 215, 223



226, 221, 209



211, 218, 220

Rectangle

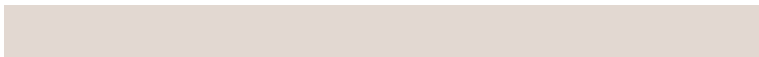
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208, 215, 226



217, 217, 227



226, 221, 209



208, 218, 208

Sweetspot

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



208, 215, 226



250, 252, 255



208, 222, 226



125, 126, 128



0, 0, 0



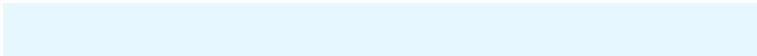
128, 128, 128

Same Dimension

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



208, 215, 226



230, 240, 255



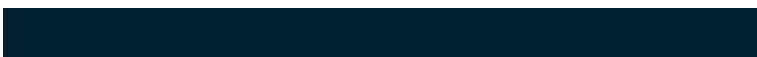
208, 211, 226



101, 105, 112



0, 68, 176



0, 19, 48

Inverse Universe

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



226, 208, 219



255, 230, 246



212, 226, 208



112, 101, 108



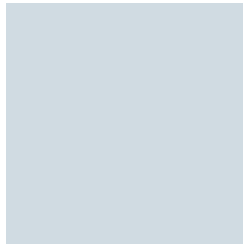
176, 0, 112



48, 0, 31

Previews

White Background



This preview shows how the RYB color 208, 215, 226 looks on a white background.

Color Contrast Check

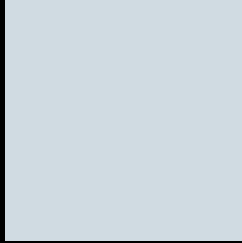
Large Text (above 18pt) WCAG AA × Fail

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, 215, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

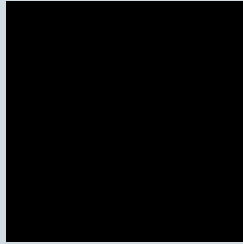
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

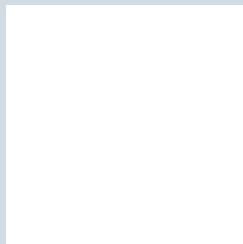
Any Text WCAG AAA ✓ Pass

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

RYP 208, 215, 226 Background



This preview shows how black text looks on a background with the RYP color 208, 215, 226.

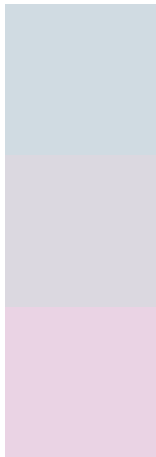


This preview shows how white text looks on a background with the RYP color 208, 215, 226.

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, 215, 226

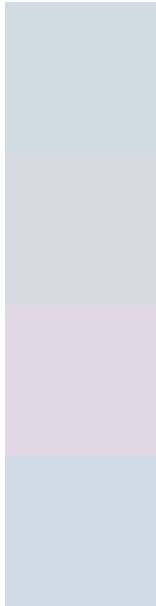
Protanopia
219, 216, 224

Deuteranopia
234, 211, 228



Tritanopia
210, 216, 235

Trichromacy



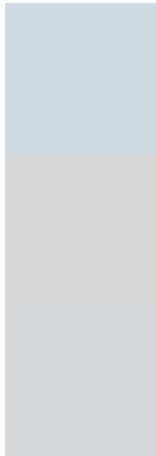
Original Color
208, 215, 226

Protanomaly
215, 217, 225

Deuteranomaly
225, 214, 227

Tritanomaly
209, 216, 232

Monochromacy



Original Color
208, 215, 226

Achromatopsia
217, 217, 217

Achromatomaly
214, 216, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 215, 226 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, 219, 226) looks like.

```
.text, #text, p{  
    color:rgb(208, 219, 226)  
}
```

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, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 219, 226) }
```

Border

The CSS property to change the border of an element to RYB 208, 215, 226 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, 219, 226) }
```

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

```
.border{ border-color:rgb(208, 219, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 219, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 219, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 219, 226);  
box-shadow:4px 4px 4px 4px rgb(208, 219,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 208, 215, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 219, 226) }
```

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

```
.background{ background-color: rgb(208,  
219, 226) }
```

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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