

Converting Colors

`RYB(205, 214, 226)`

Have a look what the booklet for
RYB(205, 214, 226) contains.

RYB(205, 214, 226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(205, 214, 226)

Conversions

Conversions Part 1

Format	Color
Hex	CDDDE2
RGB	205, 221, 226
RGB Percent	80%, 87%, 89%
CMY	0.1961, 0.1343, 0.1137
CMYK	0.09, 0.02, 0.00, 0.11
HSL	195°, 27%, 85%
HSV	195°, 9%, 89%
XYZ	64.6948, 70.0511, 82.0629
YIQ	216.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

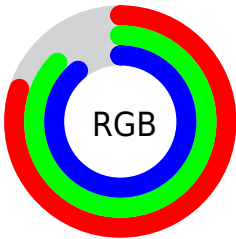
Format	Color
R _Y B	205, 214, 226
Decimal	13491682
CIE Lab	87.02, -4.23, -4.38
CIE LCh	87, 6.096, 225.998
Yxy	70.0511, 0.2984, 0.3231
Android (android.graphics.Color)	4291681762 (0xFFCDDDE2)
YUV	216.7860, 4.5425, -10.3363
Hunter-Lab	83.6965, -8.4940, 0.4548

Details

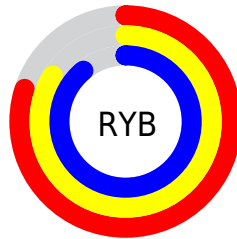
The RYB color **205, 214, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 212, 205**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 160, 171** is the 20% darker color. If you saturate the color by 10%, you get **182, 201, 226**, and if you desaturate by 10%, it is **228, 226, 226**.

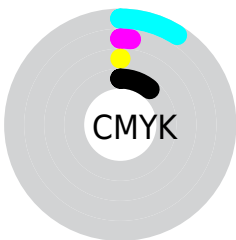
Distribution



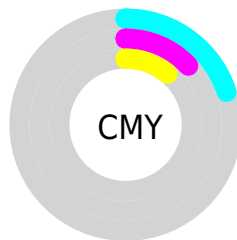
- Red (80%)
- Green (87%)
- Blue (89%)



- Red (80%)
- Yellow (84%)
- Blue (89%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 214, 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 205, 214, 226 by changing the saturation by 10% instead.

■ 205, 214, 226

255, 255, 255

■ 205, 214, 226

■ 177, 186, 198

■ 151, 160, 171

■ 125, 133, 144

■ 100, 108, 119

■ 76, 84, 94

■ 53, 60, 70

■ 31, 38, 48

■ 9, 17, 27


■ 0, 0, 0

 205, 214, 226


 205, 214, 226

 182, 201, 226


 228, 226, 226

 160, 188, 226


 250, 234, 226

 137, 175, 226


 255, 246, 226

 115, 162, 226


 246, 255, 226


 92, 150, 226

 234, 255, 226

 69, 136, 226

 226, 255, 226

 47, 124, 226

 24, 111, 226

 2, 98, 226

Harmonies

Analogous

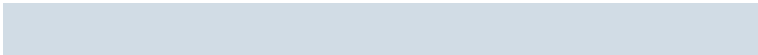
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204, 213, 221



205, 214, 226



209, 216, 229

Triad

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



205, 214, 226



228, 214, 221



208, 220, 207

Complementary

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



205, 214, 226



226, 212, 205

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.



224, 226, 207



205, 214, 226



231, 214, 215

Square

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



205, 214, 226



223, 216, 226



230, 217, 210



210, 220, 217

Rectangle

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



205, 214, 226



214, 217, 229



230, 217, 210



211, 222, 206

Sweetspot

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



205, 214, 226



247, 250, 255



205, 222, 226



122, 124, 128



0, 0, 0



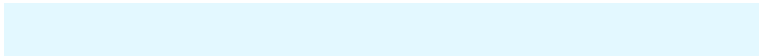
128, 128, 128

Same Dimension

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



205, 214, 226



227, 239, 255



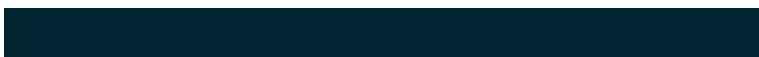
205, 210, 226



101, 106, 112



0, 75, 176



0, 21, 48

Inverse Universe

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



226, 205, 221



255, 227, 248



213, 226, 205



112, 101, 109



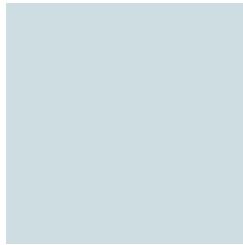
176, 0, 132



48, 0, 36

Previews

White Background



This preview shows how the RYB color 205, 214, 226 looks on a white background.

Color Contrast Check

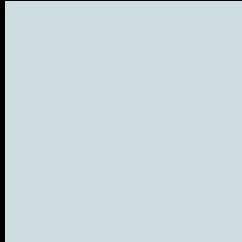
Large Text (above 18pt) WCAG AA × Fail

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 205, 214, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

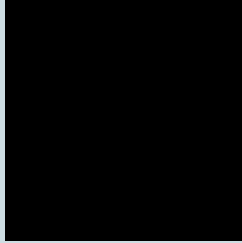
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

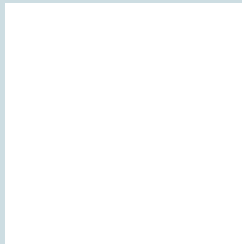
Any Text WCAG AAA ✓ Pass

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

R/Y/B 205, 214, 226 Background



This preview shows how black text looks on a background with the R/Y/B color 205, 214, 226.



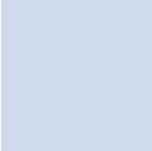
This preview shows how white text looks on a background with the R/Y/B color 205, 214, 226.

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](#).

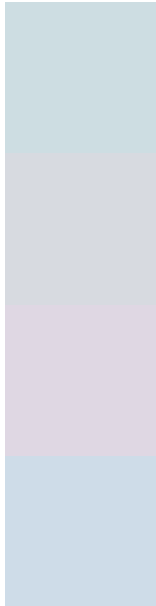
Dichromacy





Tritanopia
207, 215, 236

Trichromacy



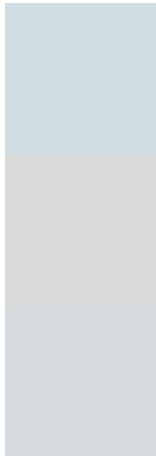
Original Color
205, 214, 226

Protanomaly
215, 217, 224

Deuteranomaly
223, 215, 227

Tritanomaly
206, 215, 232

Monochromacy



Original Color
205, 214, 226

Achromatopsia
217, 217, 217

Achromatomaly
213, 216, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 214, 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(205, 221, 226) looks like.

```
.text, #text, p{  
    color:rgb(205, 221, 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(205, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 221, 226) }
```

Border

The CSS property to change the border of an element to RYB 205, 214, 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(205, 221, 226) }
```

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

```
.border{ border-color:rgb(205, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 221,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 205, 221, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 221, 226) }
```

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

```
.background{ background-color: rgb(205,  
221, 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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