

Converting Colors

`RYB(206, 208, 225)`

Have a look what the booklet for RYB(206, 208, 225) contains.

RYB(206, 208, 225)	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(206, 208, 225)

Conversions

Conversions Part 1

Format	Color
Hex	CED0E1
RGB	206, 208, 225
RGB Percent	81%, 82%, 88%
CMY	0.1922, 0.1834, 0.1176
CMYK	0.08, 0.07, 0.00, 0.12
HSL	233°, 24%, 85%
HSV	233°, 8%, 88%
XYZ	61.6575, 63.7846, 80.2961
YIQ	209.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

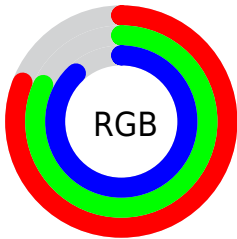
Format	Color
R _Y B	206, 208, 225
Decimal	13553889
CIE Lab	83.85, 2.43, -8.53
CIE LCh	84, 8.871, 285.890
Yxy	63.7846, 0.2997, 0.3100
Android (android.graphics.Color)	4291743969 (0xFFCED0E1)
YUV	209.3400, 7.7204, -2.9292
Hunter-Lab	79.8653, -1.9589, -3.7042

Details

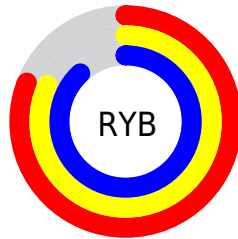
The RYB color **206, 208, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 225, 206**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 255**, and **152, 154, 170** is the 20% darker color. If you saturate the color by 10%, you get **184, 188, 225**, and if you desaturate by 10%, it is **225, 228, 225**.

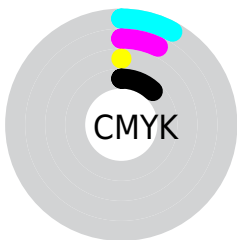
Distribution



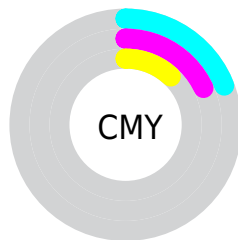
- Red (81%)
- Green (82%)
- Blue (88%)



- Red (81%)
- Yellow (82%)
- Blue (88%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 208, 225 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 206, 208, 225 by changing the saturation by 10% instead.

■ 206, 208, 225

255, 255, 255

■ 206, 208, 225

■ 178, 181, 197

■ 152, 154, 170

■ 126, 128, 143

■ 101, 103, 118

■ 77, 79, 93

■ 54, 56, 69

■ 32, 35, 47

■ 11, 13, 26

■ 0, 0, 0

■ 206, 208, 225

■ 206, 208, 225

■ 184, 188, 225

■ 225, 228, 225

■ 161, 168, 225

■ 228, 251, 225

■ 139, 148, 225

■ 225, 255, 225

■ 116, 128, 225

■ 94, 107, 225

■ 71, 87, 225

■ 49, 67, 225

■ 26, 47, 225

■ 3, 27, 225

Harmonies

Analogous

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



196, 206, 225



206, 208, 225



216, 206, 221

Triad

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



206, 208, 225



226, 208, 197



193, 206, 214

Complementary

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



206, 208, 225



208, 225, 206

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.



197, 212, 207



206, 208, 225



218, 220, 193

Square

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



206, 208, 225



227, 204, 205



194, 211, 193



189, 202, 214

Rectangle

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



206, 208, 225



222, 204, 216



194, 211, 193



196, 209, 213

Sweetspot

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



206, 208, 225



247, 248, 255



206, 216, 225



122, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 208, 225



230, 233, 255



213, 206, 225



101, 102, 112



0, 19, 176



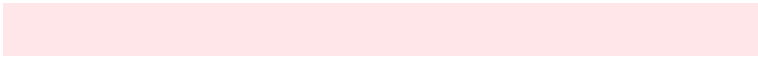
0, 5, 48

Inverse Universe

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



225, 206, 208



255, 230, 233



206, 225, 213



112, 101, 102



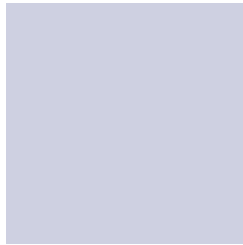
176, 0, 21



48, 0, 6

Previews

White Background



This preview shows how the RYB color 206, 208, 225 looks on a white background.

Color Contrast Check

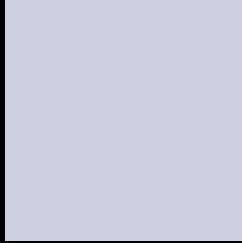
Large Text (above 18pt) WCAG AA × Fail

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 206, 208, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

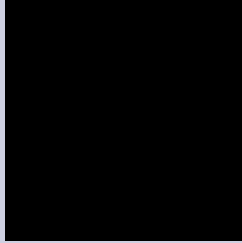
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

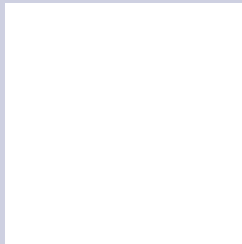
Any Text WCAG AAA ✓ Pass

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

RYB 206, 208, 225 Background



This preview shows how black text looks on a background with the RYB color 206, 208, 225.

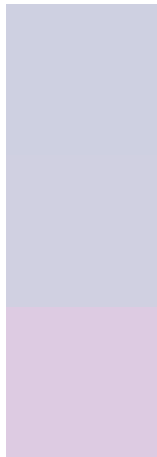


This preview shows how white text looks on a background with the RYB color 206, 208, 225.

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
[206](#), [208](#), [225](#)

Protanopia
[208](#), [208](#), [225](#)

Deuteranopia
[221](#), [203](#), [226](#)



Tritanopia
206, 208, 225

Trichromacy



Original Color
206, 208, 225

Protanomaly
207, 208, 225

Deuteranomaly
216, 205, 226

Tritanomaly
206, 208, 225

Monochromacy



Original Color
206, 208, 225

Achromatopsia
209, 209, 209

Achromatomaly
208, 209, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 208, 225 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(206, 208, 225) looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 225)  
}
```

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(206, 208, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 225) }
```

Border

The CSS property to change the border of an element to RYB 206, 208, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

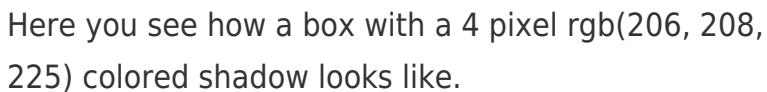
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 208, 225) }
```

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

```
.border{ border-color:rgb(206, 208, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 208, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 208, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 208, 225); box-shadow:4px 4px 4px 4px rgb(206, 208, 225) }
```

Background

The CSS property to change the background color of an element to RYB 206, 208, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 225) }
```

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

```
.background{ background-color: rgb(206,  
208, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor