

Converting Colors

`RYB(208, 206, 221)`

Have a look what the booklet for
RYB(208, 206, 221) contains.

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Color

RYB(208, 206, 221)

Conversions

Conversions Part 1

Format	Color
Hex	D0CEDD
RGB	208, 206, 221
RGB Percent	82%, 81%, 87%
CMY	0.1843, 0.1922, 0.1333
CMYK	0.06, 0.07, 0.00, 0.13
HSL	248°, 18%, 84%
HSV	248°, 7%, 87%
XYZ	61.1349, 62.7730, 77.3009
YIQ	208.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

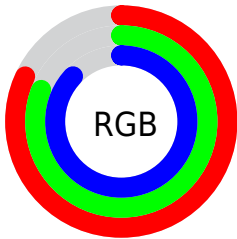
Format	Color
R _{YB}	208, 206, 221
Decimal	13684445
CIE Lab	83.32, 3.49, -7.17
CIE LCh	83, 7.976, 295.949
Yxy	62.7730, 0.3038, 0.3120
Android (android.graphics.Color)	4291874525 (0xFFD0CEDD)
YUV	208.3080, 6.2572, -0.2701
Hunter-Lab	79.2294, -0.9175, -2.3862

Details

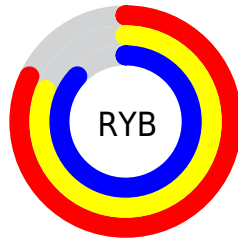
The RYB color **208, 206, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 221, 208**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **154, 152, 166** is the 20% darker color. If you saturate the color by 10%, you get **189, 184, 221**, and if you desaturate by 10%, it is **221, 228, 222**.

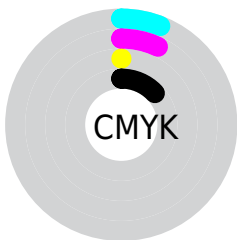
Distribution



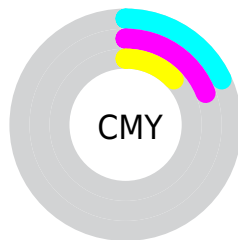
- Red (82%)
- Green (81%)
- Blue (87%)



- Red (82%)
- Yellow (81%)
- Blue (87%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 206, 221 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, 206, 221 by changing the saturation by 10% instead.

■ 208, 206, 221

255, 255, 255

■ 208, 206, 221

■ 180, 179, 193

■ 154, 152, 166

■ 128, 126, 140

■ 103, 101, 114

■ 79, 77, 90

■ 56, 54, 66

■ 34, 33, 44

■ 13, 10, 24

■ 0, 0, 0

■ 208, 206, 221

■ 208, 206, 221

■ 189, 184, 221

■ 221, 228, 222

■ 170, 162, 221

■ 221, 250, 225

■ 151, 140, 221

■ 221, 255, 221

■ 131, 118, 221

■ 112, 95, 221

■ 93, 73, 221

■ 74, 51, 221

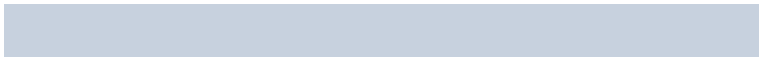
■ 55, 29, 221

■ 36, 7, 221

Harmonies

Analogous

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



199, 206, 222



208, 206, 221



217, 204, 216

Triad

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



208, 206, 221



222, 209, 195



192, 204, 212

Complementary

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



208, 206, 221



206, 221, 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.



198, 210, 211



208, 206, 221



206, 215, 193

Square

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



208, 206, 221



224, 203, 201



194, 209, 196



189, 201, 214

Rectangle

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



208, 206, 221



221, 203, 211



194, 209, 196



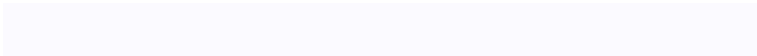
193, 205, 212

Sweetspot

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



208, 206, 221



251, 250, 255



206, 213, 221



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 206, 221



237, 235, 255



216, 206, 221



100, 99, 110



23, 0, 173



6, 0, 46

Inverse Universe

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



221, 206, 219



255, 235, 252



206, 221, 215



110, 99, 108



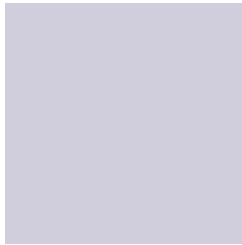
173, 0, 150



46, 0, 40

Previews

White Background



This preview shows how the RYB color 208, 206, 221 looks on a white background.

Color Contrast Check

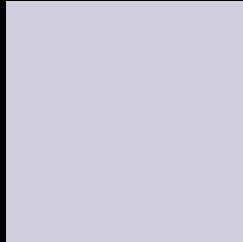
Large Text (above 18pt) WCAG AA × Fail

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, 206, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

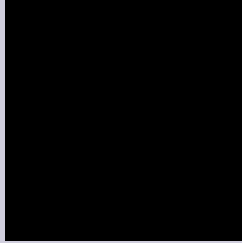
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

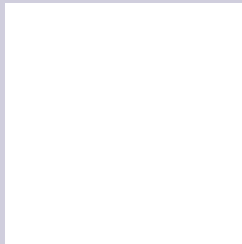
Any Text WCAG AAA ✓ Pass

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

RYP 208, 206, 221 Background



This preview shows how black text looks on a background with the RYP color 208, 206, 221.

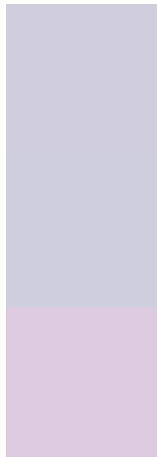


This preview shows how white text looks on a background with the RYP color 208, 206, 221.

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, 206, 221

Protanopia
207, 206, 221

Deuteranopia
221, 202, 222



Tritanopia
208, 206, 222

Trichromacy



Original Color
208, 206, 221

Protanomaly
207, 206, 221

Deuteranomaly
216, 203, 222

Tritanomaly
208, 206, 222

Monochromacy



Original Color
208, 206, 221

Achromatopsia
208, 208, 208

Achromatomaly
208, 207, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 206, 221 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, 206, 221) looks like.

```
.text, #text, p{  
    color:rgb(208, 206, 221)  
}
```

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, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 221) }
```

Border

The CSS property to change the border of an element to RYB 208, 206, 221 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, 206, 221) }
```

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

```
.border{ border-color:rgb(208, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 208, 206, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 221) }
```

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

```
.background{ background-color: rgb(208,  
206, 221) }
```

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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