

Converting Colors

`RYB(206, 195, 208)`

Have a look what the booklet for
RYB(206, 195, 208) contains.

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Color

R_YB(206, 195, 208)

Conversions

Conversions Part 1

Format	Color
Hex	CEC3D0
RGB	206, 195, 208
RGB Percent	81%, 76%, 82%
CMY	0.1922, 0.2353, 0.1843
CMYK	0.01, 0.06, 0.00, 0.18
HSL	291°, 12%, 79%
HSV	291°, 6%, 82%
XYZ	56.3539, 56.7061, 67.6497
YIQ	199.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

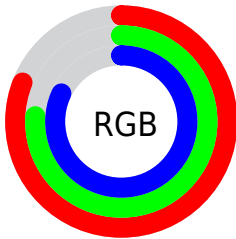
Format	Color
R _Y B	206, 195, 208
Decimal	13550544
CIE Lab	80.01, 6.19, -5.12
CIE LCh	80, 8.035, 320.430
Yxy	56.7061, 0.3118, 0.3138
Android (android.graphics.Color)	4291740624 (0xFFCEC3D0)
YUV	199.7710, 4.0569, 5.4628
Hunter-Lab	75.3034, 1.8007, -0.5514

Details

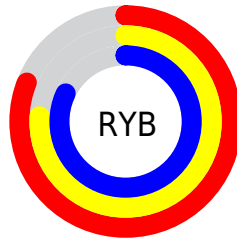
The RYB color **206, 195, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 208, 206**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is 255, 252, 255, and **152, 141, 154** is the 20% darker color. If you saturate the color by 10%, you get **203, 174, 208**, and if you desaturate by 10%, it is **208, 216, 215**.

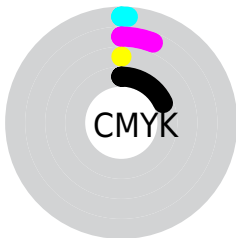
Distribution



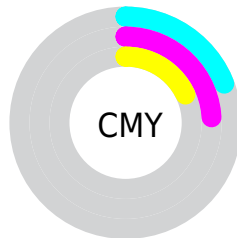
- Red (81%)
- Green (76%)
- Blue (82%)



- Red (81%)
- Yellow (76%)
- Blue (82%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 195, 208 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, 195, 208 by changing the saturation by 10% instead.

■ 206, 195, 208

255, 255, 255

■ 255, 252, 255

■ 206, 195, 208

■ 178, 168, 180

■ 152, 141, 154

■ 126, 116, 128

■ 101, 91, 103

■ 77, 68, 79

■ 54, 46, 56

■ 33, 25, 34

■ 10, 0, 13

■ 0, 0, 0

■ 206, 195, 208

■ 206, 195, 208

■ 203, 174, 208

■ 208, 216, 215

■ 200, 153, 208

■ 208, 237, 233

■ 196, 133, 208

■ 208, 255, 247

■ 193, 112, 208

■ 208, 255, 244

■ 190, 91, 208

■ 208, 255, 241

■ 187, 70, 208

■ 208, 255, 238

■ 184, 49, 208

■ 208, 255, 235

■ 180, 29, 208

■ 208, 255, 231

■ 177, 8, 208

■ 208, 255, 228

Harmonies

Analogous

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



197, 197, 212



206, 195, 208



212, 194, 201

Triad

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



206, 195, 208



202, 207, 184



180, 192, 203

Complementary

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



206, 195, 208



195, 208, 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.



183, 195, 203



206, 195, 208



184, 199, 184

Square

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



206, 195, 208



213, 199, 187



189, 202, 201



182, 194, 210

Rectangle

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



206, 195, 208



215, 193, 196



189, 202, 201



181, 193, 203

Sweetspot

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



206, 195, 208



254, 250, 255



195, 197, 208



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 195, 208



252, 235, 255



208, 195, 204



103, 94, 105



142, 0, 168



35, 0, 41

Inverse Universe

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



208, 195, 197



255, 235, 238



195, 205, 208



105, 94, 96



168, 0, 26



41, 0, 6

Previews

White Background



This preview shows how the RYB color 206, 195, 208 looks on a white background.

Color Contrast Check

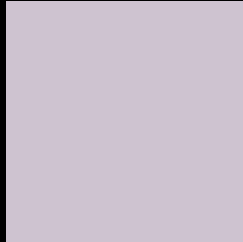
Large Text (above 18pt) WCAG AA × Fail

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, 195, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

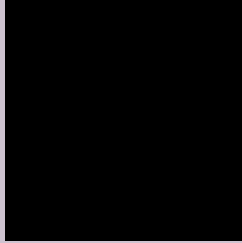
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

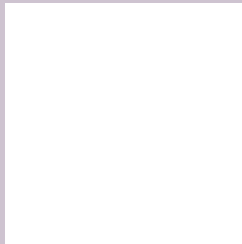
Any Text WCAG AAA ✓ Pass

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

RYB 206, 195, 208 Background



This preview shows how black text looks on a background with the RYB color 206, 195, 208.

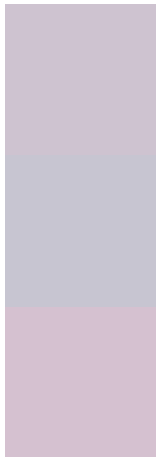


This preview shows how white text looks on a background with the RYB color 206, 195, 208.

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](#), [195](#), [208](#)

Protanopia
[199](#), [197](#), [209](#)

Deuteranopia
[213](#), [193](#), [208](#)



Tritanopia
206, 195, 210

Trichromacy



Original Color

206, 195, 208

Protanomaly

202, 196, 209

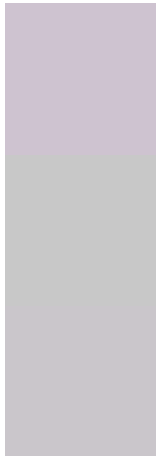
Deuteranomaly

210, 194, 208

Tritanomaly

206, 195, 209

Monochromacy



Original Color

206, 195, 208

Achromatopsia

200, 200, 200

Achromatomaly

202, 198, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 195, 208 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, 195, 208) looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 208)  
}
```

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, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 208) }
```

Border

The CSS property to change the border of an element to RYB 206, 195, 208 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, 195, 208) }
```

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

```
.border{ border-color:rgb(206, 195, 208) }
```

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

Here you see how a box with a 4 pixel rgb(206, 195, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 206, 195, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 208) }
```

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

```
.background{ background-color: rgb(206,  
195, 208) }
```

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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