

Converting Colors

`RYB(206, 195, 211)`

Have a look what the booklet for
RYB(206, 195, 211) contains.

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Color

R_YB(206, 195, 211)

Conversions

Conversions Part 1

Format	Color
Hex	CEC3D3
RGB	206, 195, 211
RGB Percent	81%, 76%, 83%
CMY	0.1922, 0.2353, 0.1725
CMYK	0.02, 0.08, 0.00, 0.17
HSL	281°, 15%, 80%
HSV	281°, 8%, 83%
XYZ	56.7266, 56.8552, 69.6124
YIQ	200.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

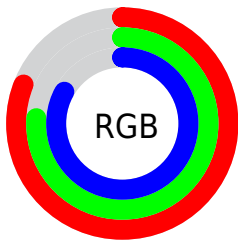
Format	Color
R_{YB}	206, 195, 211
Decimal	13550547
CIE Lab	80.10, 6.76, -6.61
CIE LCh	80, 9.450, 315.631
Yxy	56.8552, 0.3097, 0.3104
Android (android.graphics.Color)	4291740627 (0xFFCEC3D3)
YUV	200.1130, 5.3673, 5.1629
Hunter-Lab	75.4024, 2.3347, -1.9556

Details

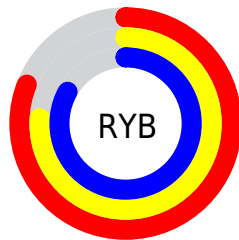
The RYB color **206, 195, 211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 211, 206**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is 255, 252, 255, and **152, 141, 157** is the 20% darker color. If you saturate the color by 10%, you get **199, 174, 211**, and if you desaturate by 10%, it is **211, 216, 214**.

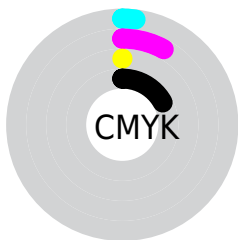
Distribution



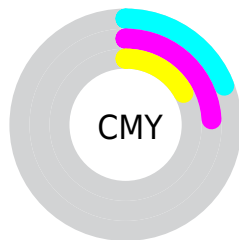
- Red (81%)
- Green (76%)
- Blue (83%)



- Red (81%)
- Yellow (76%)
- Blue (83%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 195, 211 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, 211 by changing the saturation by 10% instead.

■ 206, 195, 211

255, 255, 255

■ 255, 252, 255

■ 206, 195, 211

■ 178, 168, 183

■ 152, 141, 157

■ 126, 116, 130

■ 101, 91, 105

■ 77, 68, 81


■ 54, 46, 58

■ 33, 25, 37


■ 10, 0, 16

■ 0, 0, 0


 206, 195, 211

 206, 195, 211


 199, 174, 211


 211, 216, 214


 193, 153, 211

 211, 237, 229


 186, 132, 211


 211, 255, 240

 180, 111, 211


 211, 255, 234


 173, 90, 211


 211, 255, 227


 166, 68, 211

 211, 255, 220

 160, 47, 211

 211, 255, 214

 153, 26, 211

 211, 255, 211

 147, 5, 211

Harmonies

Analogous

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



195, 198, 215



206, 195, 211



214, 193, 203

Triad

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



206, 195, 211



206, 210, 182



177, 191, 204

Complementary

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



206, 195, 211



195, 211, 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.



182, 196, 204



206, 195, 211



184, 201, 182

Square

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



206, 195, 211



216, 197, 186



186, 202, 197



178, 192, 211

Rectangle

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



206, 195, 211



217, 193, 197



186, 202, 197



178, 192, 204

Sweetspot

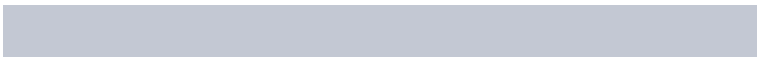
The Sweet Spot groups the original color and five complimentary colors.



206, 195, 211



253, 250, 255



195, 199, 211



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, 211



248, 232, 255



211, 195, 208



101, 94, 105



116, 0, 168



28, 0, 41

Inverse Universe

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



211, 195, 200



255, 232, 239



195, 208, 211



105, 94, 97



168, 0, 53



41, 0, 13

Previews

White Background



This preview shows how the RYB color 206, 195, 211 looks on a white background.

Color Contrast Check

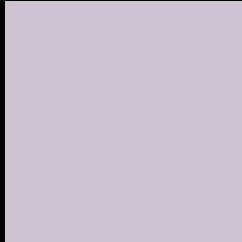
Large Text (above 18pt) WCAG AA × Fail

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, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

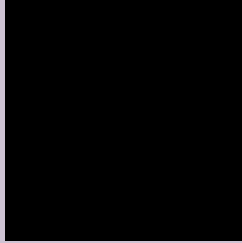
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

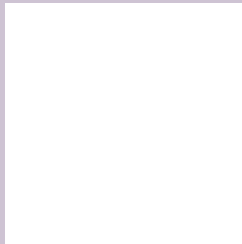
Any Text WCAG AAA ✓ Pass

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

RYB 206, 195, 211 Background



This preview shows how black text looks on a background with the RYB color 206, 195, 211.

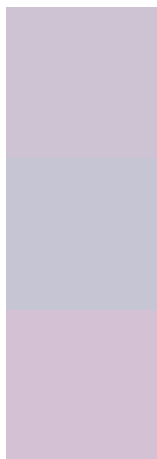


This preview shows how white text looks on a background with the RYB color 206, 195, 211.

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, 211](#)

Protanopia
[198, 197, 212](#)

Deuteranopia
[212, 193, 211](#)



Tritanopia
206, 195, 210

Trichromacy



Original Color

206, 195, 211

Protanomaly

201, 196, 212

Deuteranomaly

210, 194, 211

Tritanomaly

206, 195, 210

Monochromacy



Original Color

206, 195, 211

Achromatopsia

200, 200, 200

Achromatomaly

202, 198, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 195, 211 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, 211) looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 211) }
```

Border

The CSS property to change the border of an element to RYB 206, 195, 211 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, 211) }
```

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

```
.border{ border-color:rgb(206, 195, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 211);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 206, 195, 211 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, 211) }
```

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

```
.background{ background-color: rgb(206,  
195, 211) }
```

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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