

Converting Colors

`RYB(206, 159, 185)`

Have a look what the booklet for RYB(206, 159, 185) contains.

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Color

R_YB(206, 159, 185)

Conversions

Conversions Part 1

Format	Color
Hex	CE9FB9
RGB	206, 159, 185
RGB Percent	81%, 62%, 73%
CMY	0.1922, 0.3765, 0.2745
CMYK	0.00, 0.23, 0.10, 0.19
HSL	327°, 32%, 72%
HSV	327°, 23%, 81%
XYZ	46.6087, 41.4209, 51.4374
YIQ	176.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

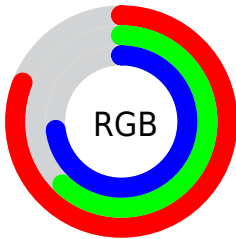
Format	Color
R_{YB}	206, 159, 185
Decimal	13541305
CIE _{Lab}	70.47, 21.57, -6.68
CIE _{LCh}	70, 22.583, 342.797
Yxy	41.4209, 0.3342, 0.2970
Android (android.graphics.Color)	4291731385 (0xFFCE9FB9)
YUV	176.0170, 4.4286, 26.2951
Hunter-Lab	64.3590, 16.6410, -2.3348

Details

The RYB color **206, 159, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **159, 191, 206**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 214, 241**, and **151, 107, 132** is the 20% darker color. If you saturate the color by 10%, you get **206, 138, 176**, and if you desaturate by 10%, it is **206, 180, 194**.

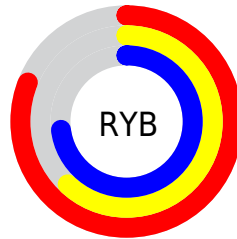
Distribution



Red (81%)

Green (62%)

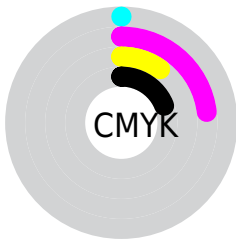
Blue (73%)



Red (81%)

Yellow (62%)

Blue (73%)

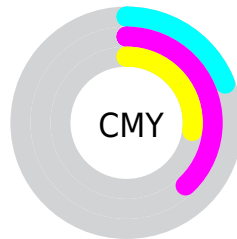


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (19%)



Cyan (19%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 159, 185 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, 159, 185 by changing the saturation by 10% instead.

 206, 159, 185

 206, 159, 185

255, 255, 255


 178, 133, 158

 255, 214, 241


 151, 107, 132

 255, 242, 255

 125, 83, 107

 99, 59, 83

 75, 37, 60

 51, 15, 38

 33, 0, 17


 0, 0, 0

 206, 159, 185


 206, 159, 185

 206, 138, 176


 206, 180, 194

 206, 118, 167


 206, 200, 203

 206, 97, 157


 206, 216, 221

 206, 77, 148


 206, 230, 241

 206, 56, 139

 206, 238, 255

 206, 35, 130

 206, 235, 255

 206, 15, 121

 206, 232, 255

 206, 0, 114

 206, 231, 255

Harmonies

Analogous

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



187, 164, 203



206, 159, 185



214, 158, 164

Triad

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



206, 159, 185



138, 179, 132



116, 153, 199

Complementary

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



206, 159, 185



159, 191, 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.



117, 151, 184



206, 159, 185



142, 180, 167

Square

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



206, 159, 185



197, 199, 134



133, 165, 183



133, 162, 211

Rectangle

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



206, 159, 185



214, 160, 151



133, 165, 183



114, 151, 194

Sweetspot

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



206, 159, 185



255, 237, 247



179, 159, 206



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

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



206, 159, 185



255, 186, 224



206, 159, 162



102, 92, 97



166, 0, 92



38, 0, 21

Inverse Universe

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



206, 159, 185



255, 186, 224



159, 183, 206



102, 92, 97



166, 0, 92



38, 0, 21

Previews

White Background



This preview shows how the RYB color 206, 159, 185 looks on a white background.

Color Contrast Check

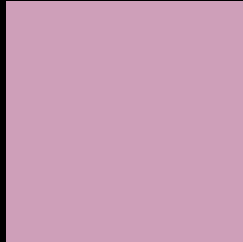
Large Text (above 18pt) WCAG AA × Fail

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, 159, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

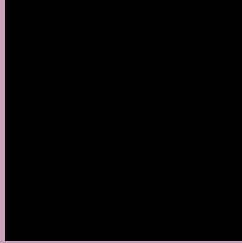
Any Text WCAG AA ✓ Pass

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, 159, 185 Background



This preview shows how black text looks on a background with the RYB color 206, 159, 185.

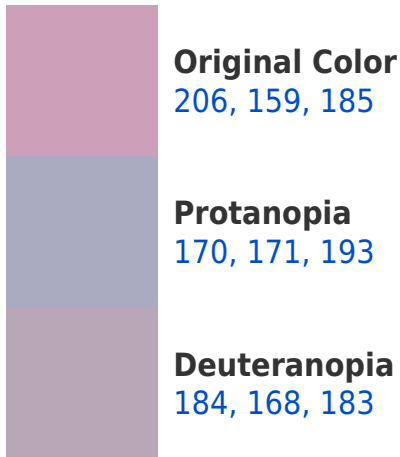



This preview shows how white text looks on a background with the RYB color 206, 159, 185.

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
205, 161, 173

Trichromacy



Original Color

206, 159, 185

Protanomaly

183, 167, 190

Deuteranomaly

192, 165, 184

Tritanomaly

205, 160, 177

Monochromacy



Original Color

206, 159, 185

Achromatopsia

176, 176, 176

Achromatomaly

187, 170, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 159, 185 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, 159, 185) looks like.

```
.text, #text, p{  
    color:rgb(206, 159, 185)  
}
```

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, 159, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 159, 185) }
```

Border

The CSS property to change the border of an element to RYB 206, 159, 185 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, 159, 185) }
```

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

```
.border{ border-color:rgb(206, 159, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 159, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 159, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 159, 185);  
box-shadow:4px 4px 4px 4px rgb(206, 159,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 206, 159, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 159, 185) }
```

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

```
.background{ background-color: rgb(206,  
159, 185) }
```

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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