

Converting Colors

`RYB(204, 167, 205)`

Have a look what the booklet for
RYB(204, 167, 205) contains.

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Color

R_YB(204, 167, 205)

Conversions

Conversions Part 1

Format	Color
Hex	CCA7CD
RGB	204, 167, 205
RGB Percent	80%, 65%, 80%
CMY	0.2000, 0.3451, 0.1961
CMYK	0.00, 0.19, 0.00, 0.20
HSL	298°, 28%, 73%
HSV	298°, 19%, 80%
XYZ	49.7400, 44.8826, 63.7992
YIQ	182.3950, 9.8540, 19.6620

Conversions

Conversions Part 2

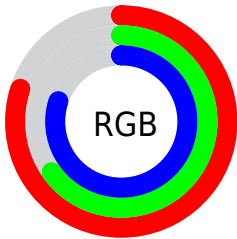
Format	Color
RYB	204, 167, 205
Decimal	13412301
CIELab	72.81, 20.11, -14.23
CIELCh	73, 24.632, 324.710
Yxy	44.8826, 0.3140, 0.2833
Android (android.graphics.Color)	4291602381 (0xFFCCA7CD)
YUV	182.3950, 11.1443, 18.9476
Hunter-Lab	66.9945, 15.2869, -9.5661

Details

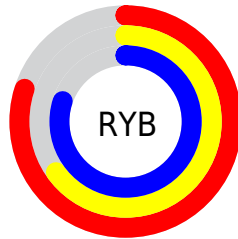
The RYB color **204, 167, 205** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167, 205, 204**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 222, 255**, and **149, 115, 151** is the 20% darker color. If you saturate the color by 10%, you get **203, 147, 205**, and if you desaturate by 10%, it is **205, 187, 205**.

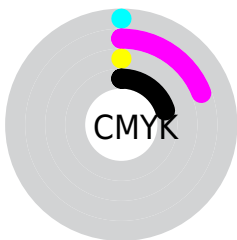
Distribution



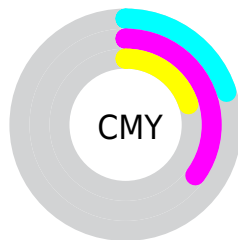
- Red (80%)
- Green (65%)
- Blue (80%)



- Red (80%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 167, 205 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 204, 167, 205 by changing the saturation by 10% instead.


 204, 167, 205

255, 255, 255

 255, 222, 255

 255, 251, 255

 204, 167, 205


 176, 140, 177


 149, 115, 151

 123, 90, 125

 98, 66, 100


 74, 44, 76

 51, 22, 53

 31, 0, 32

 0, 0, 4

 0, 0, 0

 204, 167, 205

 204, 167, 205

 203, 147, 205

 205, 187, 205

 203, 126, 205


 205, 208, 208

 202, 106, 205


 205, 228, 227

 202, 85, 205


 205, 249, 248

 201, 65, 205

 205, 255, 253

 201, 44, 205

 205, 255, 252

 200, 24, 205

 205, 255, 251

 200, 3, 205

 200, 0, 205

Harmonies

Analogous

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



177, 174, 219



204, 167, 205



221, 163, 184

Triad

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



204, 167, 205



170, 199, 134



114, 154, 197

Complementary

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



204, 167, 205



167, 205, 204

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.



127, 164, 191



204, 167, 205



137, 183, 144

Square

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



204, 167, 205



217, 181, 143



150, 186, 188



121, 160, 215

Rectangle

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



204, 167, 205



225, 163, 168



150, 186, 188



116, 154, 191

Sweetspot

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



204, 167, 205



255, 240, 255



167, 168, 205



127, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 167, 205



254, 199, 255



205, 167, 187



102, 92, 102



161, 0, 166



37, 0, 38

Inverse Universe

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



205, 167, 168



255, 199, 200



167, 193, 205



102, 92, 92



166, 0, 4



38, 0, 1

Previews

White Background



This preview shows how the RYB color 204, 167, 205 looks on a white background.

Color Contrast Check

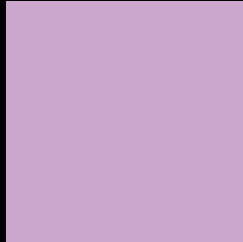
Large Text (above 18pt) WCAG AA × Fail

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 204, 167, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

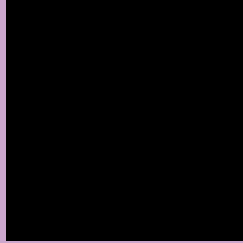
Any Text WCAG AA ✓ Pass

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 204, 167, 205 Background



This preview shows how black text looks on a background with the RYP color 204, 167, 205.

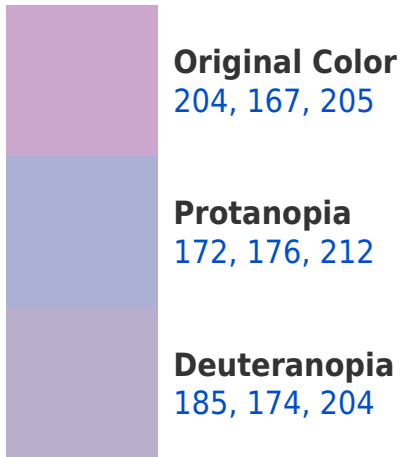


This preview shows how white text looks on a background with the RYP color 204, 167, 205.

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
201, 171, 184

Trichromacy



Original Color

204, 167, 205

Protanomaly

184, 173, 209

Deuteranomaly

192, 171, 204

Tritanomaly

202, 170, 192

Monochromacy



Original Color

204, 167, 205

Achromatopsia

182, 182, 182

Achromatomaly

190, 177, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 167, 205 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(204, 167, 205) looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 205)  
}
```

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(204, 167, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 205) }
```

Border

The CSS property to change the border of an element to RYB 204, 167, 205 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(204, 167, 205) }
```

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

```
.border{ border-color:rgb(204, 167, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 167, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 205);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 204, 167, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 205) }
```

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

```
.background{ background-color: rgb(204,  
167, 205) }
```

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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