

Converting Colors

`RYB(209, 148, 204)`

Have a look what the booklet for
RYB(209, 148, 204) contains.

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Color

R_YB(209, 148, 204)

Conversions

Conversions Part 1

Format	Color
Hex	D194CC
RGB	209, 148, 204
RGB Percent	82%, 58%, 80%
CMY	0.1804, 0.4196, 0.2000
CMYK	0.00, 0.29, 0.02, 0.18
HSL	305°, 40%, 70%
HSV	305°, 29%, 82%
XYZ	47.7835, 39.0948, 62.1543
YIQ	172.6230, 18.3800, 30.3480

Conversions

Conversions Part 2

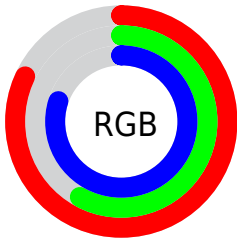
Format	Color
R _Y B	209, 148, 204
Decimal	13735116
CIE Lab	68.82, 31.97, -19.67
CIE LCh	69, 37.535, 328.402
Yxy	39.0948, 0.3206, 0.2623
Android (android.graphics.Color)	4291925196 (0xFFD194CC)
YUV	172.6230, 15.4689, 31.9026
Hunter-Lab	62.5258, 26.9932, -15.1697

Details

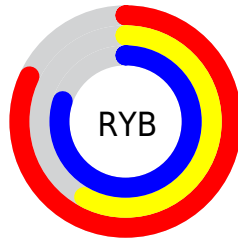
The RYB color `209, 148, 204` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `148, 204, 209`, and the grayscale version is `172, 172, 172`.

A 20% lighter version of the original color is `255, 203, 255`, and `154, 96, 150` is the 20% darker color. If you saturate the color by 10%, you get `209, 127, 202`, and if you desaturate by 10%, it is `209, 169, 206`.

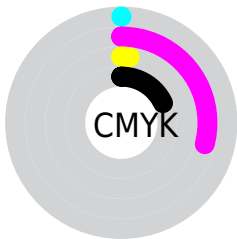
Distribution



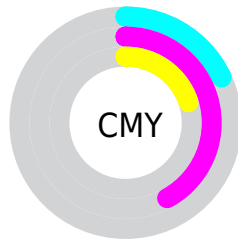
- Red (82%)
- Green (58%)
- Blue (80%)



- Red (82%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 148, 204 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 209, 148, 204 by changing the saturation by 10% instead.

 209, 148, 204

 209, 148, 204

255, 255, 255


 181, 122, 176

 255, 203, 255

 154, 96, 150

 255, 231, 255

 127, 72, 124

 101, 48, 99

 76, 24, 75

 52, 0, 52

 33, 0, 31

 0, 0, 1

 0, 0, 0


 209, 148, 204

 209, 148, 204

 209, 127, 202


 209, 169, 206

 209, 106, 201

 209, 190, 207

 209, 85, 199

 209, 211, 211

 209, 64, 197

 209, 230, 232

 209, 44, 195

 209, 249, 253

 209, 23, 194

 209, 250, 255

 209, 2, 192

 209, 249, 255

 209, 0, 192

 209, 247, 255

 209, 247, 255

Harmonies

Analogous

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



169, 160, 228



209, 148, 204



231, 142, 171

Triad

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



209, 148, 204



137, 192, 99



17, 104, 199

Complementary

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



209, 148, 204



148, 204, 209

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.



70, 134, 186



209, 148, 204



107, 176, 126

Square

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



209, 148, 204



219, 180, 111



117, 171, 183



53, 126, 225

Rectangle

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



209, 148, 204



234, 142, 148



117, 171, 183



34, 110, 188

Sweetspot

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



209, 148, 204



255, 232, 253



152, 148, 209



128, 113, 126



0, 0, 0



128, 128, 128

Same Dimension

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



209, 148, 204



255, 166, 248



209, 148, 174



105, 94, 104



168, 0, 155



41, 0, 37

Inverse Universe

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



209, 148, 204



255, 166, 248



148, 187, 209



105, 94, 104



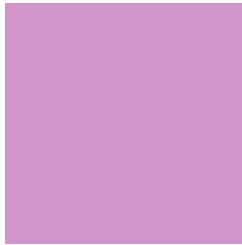
168, 0, 155



41, 0, 37

Previews

White Background



This preview shows how the RYB color 209, 148, 204 looks on a white background.

Color Contrast Check

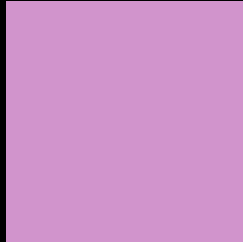
Large Text (above 18pt) WCAG AA × Fail

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 209, 148, 204 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 209, 148, 204 Background



This preview shows how black text looks on a background with the RYB color 209, 148, 204.

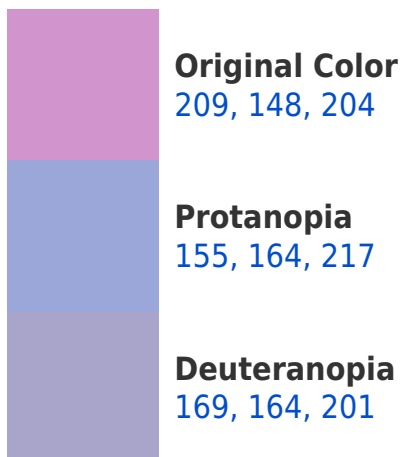



This preview shows how white text looks on a background with the RYB color 209, 148, 204.

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

204, 155, 167

Trichromacy



Original Color

209, 148, 204



Protanomaly

175, 159, 212



Deuteranomaly

184, 158, 202



Tritanomaly

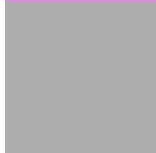
206, 152, 180

Monochromacy



Original Color

209, 148, 204



Achromatopsia

173, 173, 173



Achromatomaly

186, 164, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 148, 204 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(209, 148, 204) looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 204)  
}
```

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(209, 148, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 204) }
```

Border

The CSS property to change the border of an element to RYB 209, 148, 204 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(209, 148, 204) }
```

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

```
.border{ border-color:rgb(209, 148, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 204);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 209, 148, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 204) }
```

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

```
.background{ background-color: rgb(209,  
148, 204) }
```

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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