

Converting Colors

`RYB(214, 9, 176)`

Have a look what the booklet for
RYB(214, 9, 176) contains.

RYB(214, 9, 176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(214, 9, 176)$

Conversions

Conversions Part 1

Format	Color
Hex	D609B0
RGB	214, 9, 176
RGB Percent	84%, 4%, 69%
CMY	0.1608, 0.9647, 0.3098
CMYK	0.00, 0.96, 0.18, 0.16
HSL	311°, 92%, 44%
HSV	311°, 96%, 84%
XYZ	35.6657, 17.6261, 42.5967
YIQ	89.3330, 68.5730, 95.3970

Conversions

Conversions Part 2

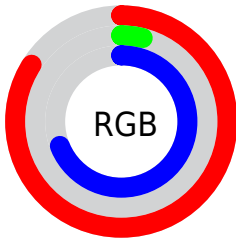
Format	Color
R_YB	214, 9, 176
Decimal	14027184
CIE _{Lab}	49.04, 80.30, -34.14
CIE _{LCh}	49, 87.253, 336.968
Yxy	17.6261, 0.3719, 0.1838
Android (android.graphics.Color)	4292217264 (0xFFD609B0)
YUV	89.3330, 42.7268, 109.3330
Hunter-Lab	41.9835, 78.1680, -30.7676

Details

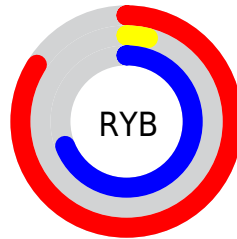
The RYB color **214, 9, 176** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **9, 182, 214**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **255, 95, 232**, and **154, 0, 123** is the 20% darker color. If you saturate the color by 10%, you get **214, 0, 174**, and if you desaturate by 10%, it is **214, 30, 180**.

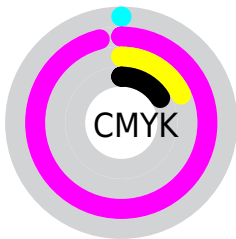
Distribution



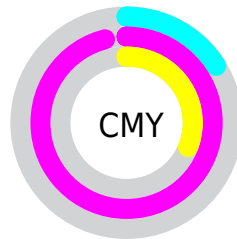
- Red (84%)
- Green (4%)
- Blue (69%)



- Red (84%)
- Yellow (4%)
- Blue (69%)



- Cyan (0%)
- Magenta (96%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (96%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 9, 176 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 214, 9, 176 by changing the saturation by 10% instead.



214, 9, 176



214, 9, 176

255, 255, 255



184, 0, 149



255, 95, 232



154, 0, 123



255, 126, 255



125, 0, 98



255, 156, 255



96, 0, 73



255, 186, 255



70, 0, 50



255, 216, 255



40, 0, 28



255, 247, 255



0, 0, 0



214, 9, 176



214, 9, 176



214, 0, 174



214, 30, 180

■ 214, 52, 184

■ 214, 73, 188

■ 214, 95, 192

■ 214, 116, 196

■ 214, 137, 200

■ 214, 159, 204

■ 214, 180, 208

■ 214, 202, 212

Harmonies

Analogous

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



132, 86, 237



214, 9, 176



241, 0, 103

Triad

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



214, 9, 176



9, 127, 0



0, 85, 205

Complementary

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



214, 9, 176



9, 182, 214

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.



0, 76, 146



214, 9, 176



0, 135, 102

Square

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



214, 9, 176



186, 174, 0



0, 104, 143



0, 90, 254

Rectangle

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



214, 9, 176



235, 0, 55



0, 104, 143



0, 81, 182

Sweetspot

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



214, 9, 176



255, 181, 241



47, 9, 214



128, 83, 119



0, 0, 0



128, 128, 128

Same Dimension

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



214, 9, 176



255, 0, 208



214, 9, 74



107, 96, 105



171, 0, 139



43, 0, 35

Inverse Universe

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



214, 9, 176



255, 0, 208



9, 131, 214



107, 96, 105



171, 0, 139



43, 0, 35

Previews

White Background



This preview shows how the RYB color 214, 9, 176 looks on a white background.

Color Contrast Check

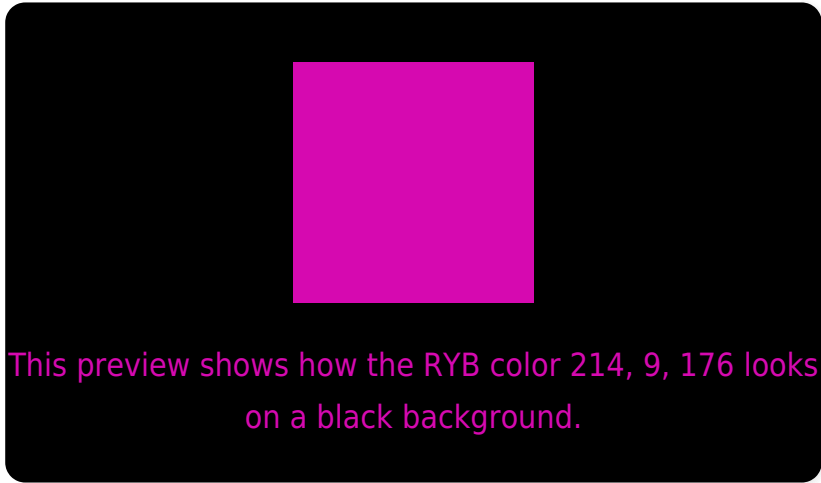
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 × Fail

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

RYP 214, 9, 176 Background



This preview shows how black text looks on a background with the RYP color 214, 9, 176.

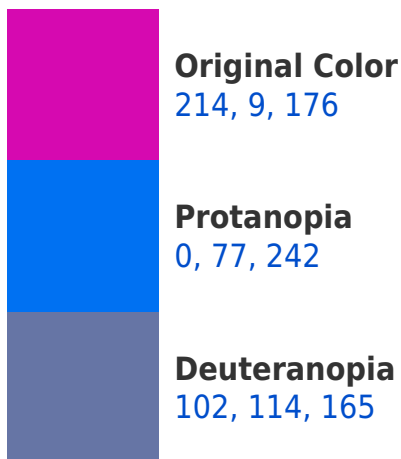


This preview shows how white text looks on a background with the RYP color 214, 9, 176.

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, 70, 73

Trichromacy



Original Color

214, 9, 176



Protanomaly

78, 76, 218



Deuteranomaly

143, 78, 169



Tritanomaly

208, 48, 110

Monochromacy



Original Color

214, 9, 176



Achromatopsia

89, 89, 89



Achromatomaly

134, 60, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 9, 176 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(214, 9, 176)` looks like.

```
.text, #text, p{  
    color:rgb(214, 9, 176)  
}
```

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(214, 9, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 9, 176) }
```

Border

The CSS property to change the border of an element to RYB 214, 9, 176 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(214, 9, 176) }
```

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

```
.border{ border-color:rgb(214, 9, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 9, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 9, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 9, 176);  
box-shadow:4px 4px 4px 4px rgb(214, 9,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 214, 9, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 9, 176) }
```

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

```
.background{ background-color: rgb(214, 9,  
176) }
```

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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