

Converting Colors

`RYB(209, 7, 165)`

Have a look what the booklet for
RYB(209, 7, 165) contains.

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Color

R_YB(209, 7, 165)

Conversions

Conversions Part 1

Format	Color
Hex	D107A5
RGB	209, 7, 165
RGB Percent	82%, 3%, 65%
CMY	0.1804, 0.9725, 0.3529
CMYK	0.00, 0.97, 0.21, 0.18
HSL	313°, 94%, 42%
HSV	313°, 97%, 82%
XYZ	33.1620, 16.4239, 37.0196
YIQ	85.4100, 69.6740, 91.9620

Conversions

Conversions Part 2

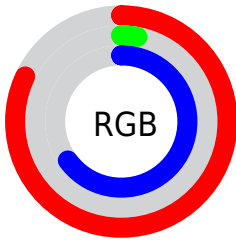
Format	Color
RYB	209, 7, 165
Decimal	13698981
CIELab	47.53, 78.18, -30.06
CIElCh	48, 83.759, 338.966
Yxy	16.4239, 0.3829, 0.1896
Android (android.graphics.Color)	4291889061 (0xFFD107A5)
YUV	85.4100, 39.2379, 108.3884
Hunter-Lab	40.5264, 75.1421, -25.7911

Details

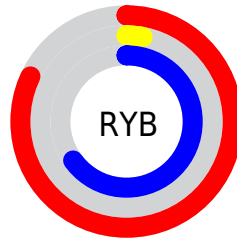
The RYB color **209, 7, 165** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **7, 173, 209**, and the grayscale version is **85, 85, 85**.

A 20% lighter version of the original color is **255, 93, 220**, and **149, 0, 113** is the 20% darker color. If you saturate the color by 10%, you get **209, 0, 163**, and if you desaturate by 10%, it is **209, 28, 170**.

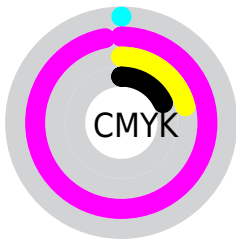
Distribution



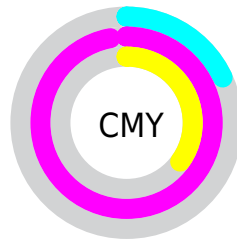
- Red (82%)
- Green (3%)
- Blue (65%)



- Red (82%)
- Yellow (3%)
- Blue (65%)



- Cyan (0%)
- Magenta (97%)
- Yellow (21%)
- Black (18%)



- Cyan (18%)
- Magenta (97%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 7, 165 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, 7, 165 by changing the saturation by 10% instead.

 209, 7, 165

 209, 7, 165

255, 255, 255

 179, 0, 138

 255, 93, 220

 149, 0, 113

 255, 124, 249

 120, 0, 88

 255, 154, 255

 92, 0, 64

 255, 184, 255

 65, 0, 42

 255, 213, 255

 34, 0, 19

 255, 244, 255

 0, 0, 0

 209, 7, 165

 209, 7, 165

 209, 0, 163

 209, 28, 170

■ 209, 49, 174

■ 209, 70, 179

■ 209, 91, 183

■ 209, 112, 188

■ 209, 132, 192

■ 209, 153, 197

■ 209, 174, 201

■ 209, 195, 206

Harmonies

Analogous

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



135, 81, 224



209, 7, 165



232, 0, 95

Triad

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



209, 7, 165



2, 119, 0



0, 83, 201

Complementary

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



209, 7, 165



7, 173, 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.



0, 73, 141



209, 7, 165



0, 132, 110

Square

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



209, 7, 165



171, 177, 0



0, 97, 138



0, 87, 246

Rectangle

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



209, 7, 165



225, 6, 50



0, 97, 138



0, 79, 180

Sweetspot

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



209, 7, 165



255, 181, 239



51, 7, 209



128, 83, 118



0, 0, 0



128, 128, 128

Same Dimension

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



209, 7, 165



255, 0, 199



209, 7, 64



105, 94, 102



168, 0, 132



41, 0, 32

Inverse Universe

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



209, 7, 165



255, 0, 199



7, 125, 209



105, 94, 102



168, 0, 132



41, 0, 32

Previews

White Background



This preview shows how the RYB color 209, 7, 165 looks on a white background.

Color Contrast Check

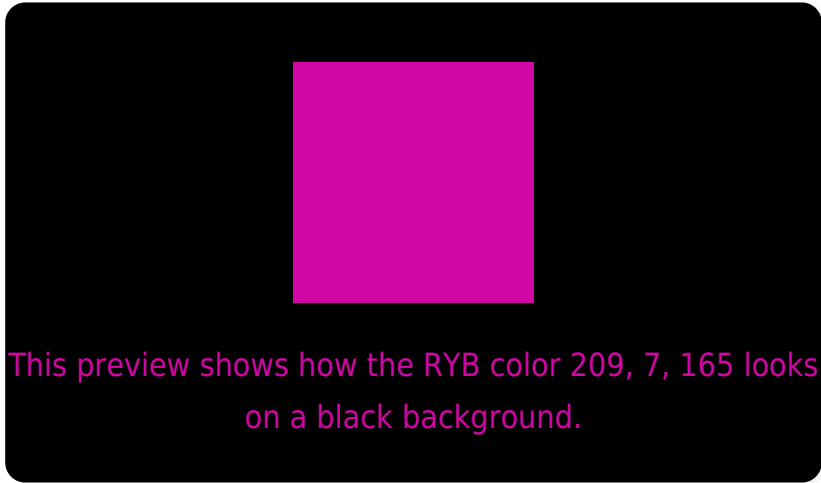
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYP 209, 7, 165 Background



This preview shows how black text looks on a background with the RYP color 209, 7, 165.

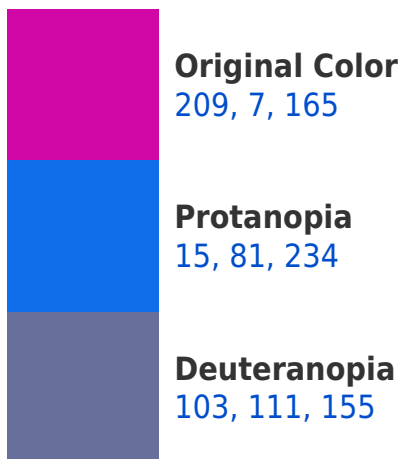


This preview shows how white text looks on a background with the RYP color 209, 7, 165.

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, 65, 69

Trichromacy



Original Color

209, 7, 165



Protanomaly

86, 73, 209



Deuteranomaly

142, 74, 159



Tritanomaly

204, 44, 104

Monochromacy



Original Color

209, 7, 165



Achromatopsia

85, 85, 85



Achromatomaly

130, 57, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 7, 165 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, 7, 165)` looks like.

```
.text, #text, p{  
    color:rgb(209, 7, 165)  
}
```

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, 7, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 7, 165) }
```

Border

The CSS property to change the border of an element to RYB 209, 7, 165 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, 7, 165) }
```

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

```
.border{ border-color:rgb(209, 7, 165) }
```

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

Here you see how a box with a 4 pixel rgb(209, 7, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 7, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 7, 165);  
box-shadow:4px 4px 4px 4px rgb(209, 7,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 209, 7, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 7, 165) }
```

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

```
.background{ background-color: rgb(209, 7,  
165) }
```

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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