

Converting Colors

`RYB(220, 4, 174)`

Have a look what the booklet for
RYB(220, 4, 174) contains.

RYB(220, 4, 174)	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

R_YB(220, 4, 174)

Conversions

Conversions Part 1

Format	Color
Hex	DC04AE
RGB	220, 4, 174
RGB Percent	86%, 2%, 68%
CMY	0.1373, 0.9843, 0.3176
CMYK	0.00, 0.98, 0.21, 0.14
HSL	313°, 96%, 44%
HSV	313°, 98%, 86%
XYZ	37.1986, 18.3585, 41.6274
YIQ	87.9640, 74.1660, 98.6620

Conversions

Conversions Part 2

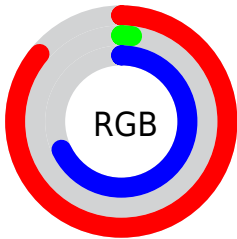
Format	Color
R_{YB}	220, 4, 174
Decimal	14419118
CIE _{Lab}	49.93, 81.56, -31.49
CIE _{LCh}	50, 87.429, 338.891
Yxy	18.3585, 0.3828, 0.1889
Android (android.graphics.Color)	4292609198 (0xFFDC04AE)
YUV	87.9640, 42.4157, 115.7956
Hunter-Lab	42.8468, 79.9877, -27.6098

Details

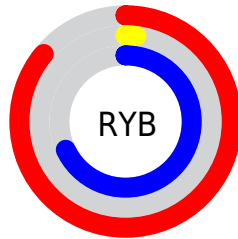
The RYB color **220, 4, 174** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **4, 182, 220**, and the grayscale version is **88, 88, 88**.

A 20% lighter version of the original color is **255, 95, 230**, and **160, 0, 121** is the 20% darker color. If you saturate the color by 10%, you get **220, 0, 173**, and if you desaturate by 10%, it is **220, 26, 179**.

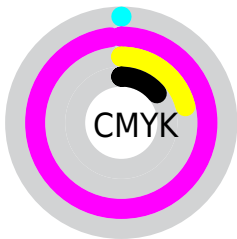
Distribution



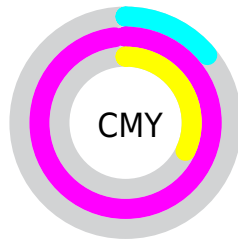
- Red (86%)
- Green (2%)
- Blue (68%)



- Red (86%)
- Yellow (2%)
- Blue (68%)



- Cyan (0%)
- Magenta (98%)
- Yellow (21%)
- Black (14%)



- Cyan (14%)
- Magenta (98%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 4, 174 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 220, 4, 174 by changing the saturation by 10% instead.



220, 4, 174



220, 4, 174

255, 255, 255



190, 0, 147



255, 95, 230



160, 0, 121



255, 126, 255



130, 0, 96



255, 157, 255



101, 0, 72



255, 187, 255



75, 0, 49



255, 217, 255



44, 0, 27



255, 247, 255



0, 0, 0



220, 4, 174



220, 4, 174



220, 0, 173



220, 26, 179

■ 220, 48, 183

■ 220, 70, 188

■ 220, 92, 193

■ 220, 114, 197

■ 220, 136, 202

■ 220, 158, 207

■ 220, 180, 211

■ 220, 202, 216

Harmonies

Analogous

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



142, 85, 236



220, 4, 174



244, 0, 100

Triad

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



220, 4, 174



2, 125, 0



0, 87, 212

Complementary

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



220, 4, 174



4, 182, 220

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, 77, 149



220, 4, 174



0, 138, 115

Square

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



220, 4, 174



182, 186, 0



0, 103, 146



0, 91, 255

Rectangle

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



220, 4, 174



237, 2, 52



0, 103, 146



0, 83, 189

Sweetspot

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



220, 4, 174



255, 181, 239



47, 4, 220



128, 83, 118



0, 0, 0



128, 128, 128

Same Dimension

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



220, 4, 174



255, 0, 201



220, 4, 69



110, 99, 107



173, 0, 136



46, 0, 36

Inverse Universe

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



220, 4, 174



255, 0, 201



4, 131, 220



110, 99, 107



173, 0, 136



46, 0, 36

Previews

White Background



This preview shows how the RYB color 220, 4, 174 looks on a white background.

Color Contrast Check

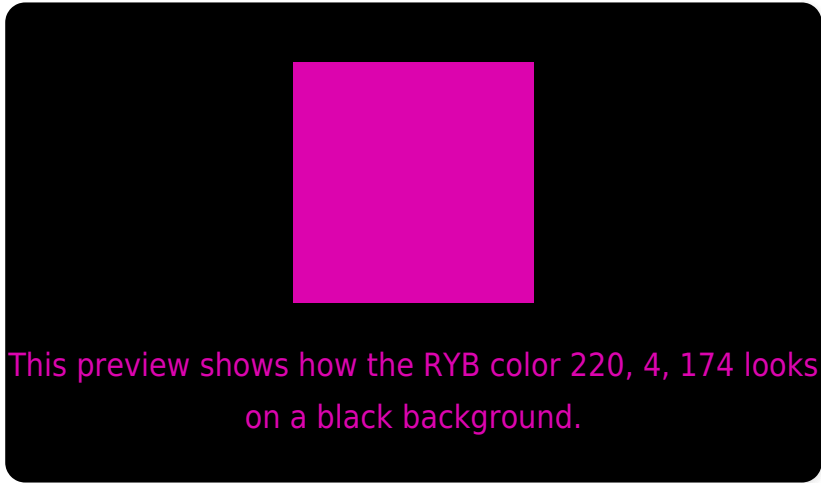
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

RYB 220, 4, 174 Background



This preview shows how black text looks on a background with the RYB color 220, 4, 174.

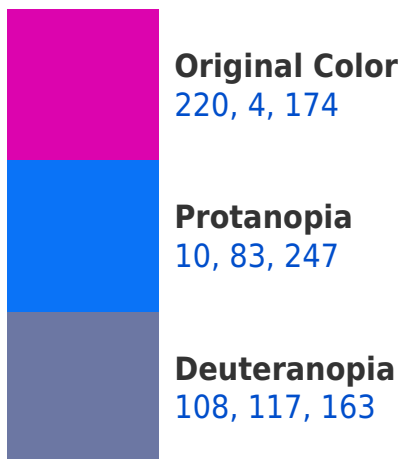


This preview shows how white text looks on a background with the RYB color 220, 4, 174.

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
212, 69, 72

Trichromacy



Original Color

220, 4, 174



Protanomaly

86, 75, 220



Deuteranomaly

149, 77, 167



Tritanomaly

215, 45, 109

Monochromacy



Original Color

220, 4, 174



Achromatopsia

88, 88, 88



Achromatomaly

136, 57, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 4, 174 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(220, 4, 174)` looks like.

```
.text, #text, p{  
    color:rgb(220, 4, 174)  
}
```

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(220, 4, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 4, 174) }
```

Border

The CSS property to change the border of an element to RYB 220, 4, 174 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(220, 4, 174) }
```

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

```
.border{ border-color:rgb(220, 4, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 4, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 4, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 4, 174);  
box-shadow:4px 4px 4px 4px rgb(220, 4,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 220, 4, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 4, 174) }
```

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

```
.background{ background-color: rgb(220, 4,  
174) }
```

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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