

Converting Colors

`RYB(204, 1, 113)`

Have a look what the booklet for
RYB(204, 1, 113) contains.

RYB(204, 1, 113)	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

$\text{RYB}(204, 1, 113)$

Conversions

Conversions Part 1

Format	Color
Hex	CC0171
RGB	204, 1, 113
RGB Percent	80%, 0%, 44%
CMY	0.2000, 0.9961, 0.5569
CMYK	0.00, 1.00, 0.45, 0.20
HSL	327°, 99%, 40%
HSV	327°, 100%, 80%
XYZ	27.8933, 14.0513, 16.8648
YIQ	74.4650, 85.0360, 77.8680

Conversions

Conversions Part 2

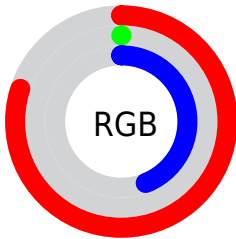
Format	Color
RYB	204, 1, 113
Decimal	13369713
CIELab	44.31, 72.33, -3.43
CIElCh	44, 72.409, 357.284
Yxy	14.0513, 0.4743, 0.2389
Android (android.graphics.Color)	4291559793 (0xFFCC0171)
YUV	74.4650, 18.9978, 113.6022
Hunter-Lab	37.4851, 67.2261, -0.4354

Details

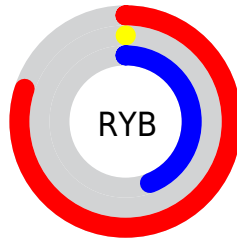
The RYB color **204, 1, 113** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **1, 141, 204**, and the grayscale version is **74, 74, 74**.

A 20% lighter version of the original color is **255, 88, 165**, and **143, 0, 65** is the 20% darker color. If you saturate the color by 10%, you get **204, 0, 113**, and if you desaturate by 10%, it is **204, 21, 122**.

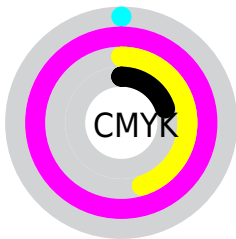
Distribution



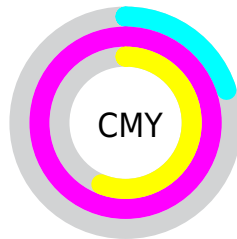
- Red (80%)
- Green (0%)
- Blue (44%)



- Red (80%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 1, 113 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, 1, 113 by changing the saturation by 10% instead.



204, 1, 113



204, 1, 113

255, 255, 255



174, 0, 89



255, 88, 165



143, 0, 65



255, 119, 192



114, 0, 44



255, 148, 219



84, 0, 23



255, 178, 248



56, 0, 2



255, 207, 255



12, 0, 0



255, 237, 255



0, 0, 0



204, 1, 113



204, 1, 113



204, 0, 113



204, 21, 122

■ 204, 42, 131

■ 204, 62, 140

■ 204, 83, 150

■ 204, 103, 159

■ 204, 123, 168

■ 204, 144, 177

■ 204, 164, 186

■ 204, 185, 195

Harmonies

Analogous

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



169, 54, 171



204, 1, 113



203, 32, 54

Triad

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



204, 1, 113



0, 117, 44



0, 78, 207

Complementary

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



204, 1, 113



1, 141, 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.



0, 72, 159



204, 1, 113



0, 101, 126

Square

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



204, 1, 113



42, 133, 0



0, 74, 129



0, 76, 227

Rectangle

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



204, 1, 113



188, 82, 9



0, 74, 129



0, 77, 193

Sweetspot

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



204, 1, 113



255, 179, 221



89, 1, 204



128, 82, 107



0, 0, 0



128, 128, 128

Same Dimension

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



204, 1, 113



255, 0, 141



204, 1, 15



102, 92, 97



166, 0, 91



38, 0, 21

Inverse Universe

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



204, 1, 113



255, 0, 141



1, 106, 204



102, 92, 97



166, 0, 91



38, 0, 21

Previews

White Background



This preview shows how the RYB color 204, 1, 113 looks on a white background.

Color Contrast Check

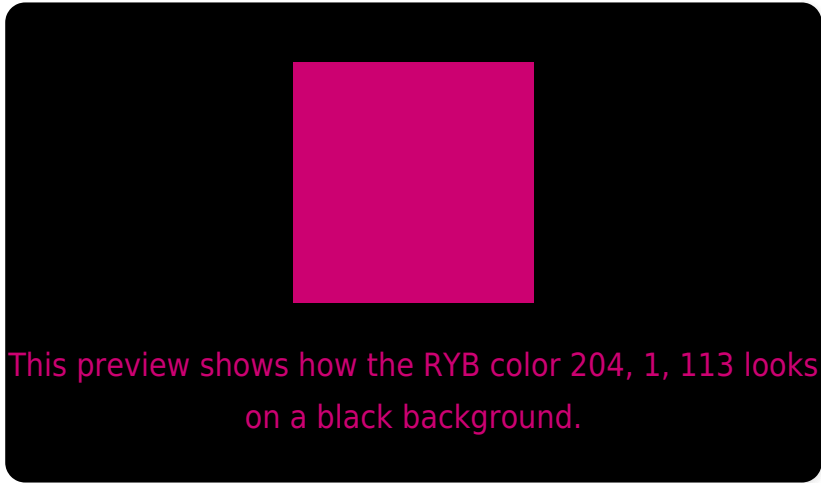
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

RYB 204, 1, 113 Background



This preview shows how black text looks on a background with the RYB color 204, 1, 113.

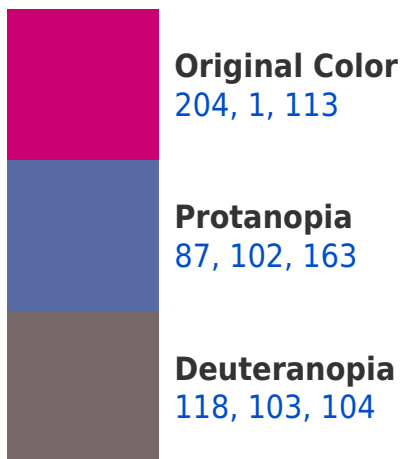


This preview shows how white text looks on a background with the RYB color 204, 1, 113.

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
200, 45, 46

Trichromacy



Original Color

204, 1, 113



Protanomaly

130, 67, 145



Deuteranomaly

149, 66, 107



Tritanomaly

201, 29, 70

Monochromacy



Original Color

204, 1, 113



Achromatopsia

74, 74, 74



Achromatomaly

121, 47, 88

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 1, 113 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, 1, 113)` looks like.

```
.text, #text, p{  
    color:rgb(204, 1, 113)  
}
```

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, 1, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 1, 113) }
```

Border

The CSS property to change the border of an element to RYB 204, 1, 113 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, 1, 113) }
```

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

```
.border{ border-color:rgb(204, 1, 113) }
```

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

Here you see how a box with a 4 pixel rgb(204, 1, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 1, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 1, 113);  
box-shadow:4px 4px 4px 4px rgb(204, 1,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 204, 1, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 1, 113) }
```

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

```
.background{ background-color: rgb(204, 1,  
113) }
```

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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