

Converting Colors

`RYB(176, 113, 145)`

Have a look what the booklet for
RYB(176, 113, 145) contains.

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Color

R_YB(176, 113, 145)

Conversions

Conversions Part 1

Format	Color
Hex	B07191
RGB	176, 113, 145
RGB Percent	69%, 44%, 57%
CMY	0.3098, 0.5569, 0.4314
CMYK	0.00, 0.36, 0.18, 0.31
HSL	330°, 29%, 57%
HSV	330°, 36%, 69%
XYZ	28.9205, 23.0847, 29.7196
YIQ	135.4850, 27.2760, 23.3080

Conversions

Conversions Part 2

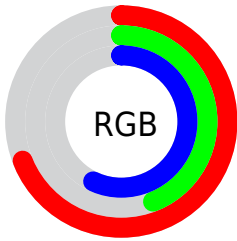
Format	Color
RYB	176, 113, 145
Decimal	11563409
CIELab	55.16, 29.58, -7.05
CIELCh	55, 30.405, 346.600
Yxy	23.0847, 0.3539, 0.2825
Android (android.graphics.Color)	4289753489 (0xFFB07191)
YUV	135.4850, 4.6909, 35.5317
Hunter-Lab	48.0465, 23.3624, -3.0417

Details

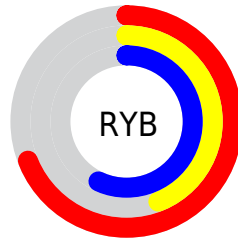
The RYB color **176, 113, 145** is a light color, and the websafe version is hex **996699**. A complement of this color would be **113, 155, 176**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **233, 166, 199**, and **122, 64, 95** is the 20% darker color. If you saturate the color by 10%, you get **176, 95, 136**, and if you desaturate by 10%, it is **176, 131, 154**.

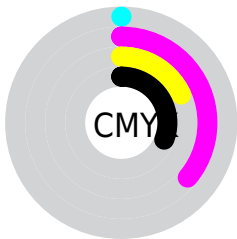
Distribution



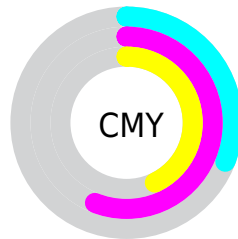
- Red (69%)
- Green (44%)
- Blue (57%)



- Red (69%)
- Yellow (44%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (31%)



- Cyan (31%)
- Magenta (56%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RYB color 176, 113, 145 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 176, 113, 145 by changing the saturation by 10% instead.

 176, 113, 145


255, 255, 255

 233, 166, 199

 255, 193, 227

 255, 221, 255


 255, 250, 255

 176, 113, 145

 149, 88, 119

 122, 64, 95

 96, 40, 71

 71, 16, 49


 48, 0, 28


 20, 0, 0

 0, 0, 0

 176, 113, 145


 176, 95, 136

 176, 113, 145

 176, 131, 154

 176, 78, 128

 176, 148, 162

 176, 60, 119

 176, 166, 171

 176, 43, 110

 176, 180, 183

 176, 25, 102

 176, 193, 201

 176, 7, 93

 176, 205, 219

 176, 0, 89

 176, 216, 236

 176, 228, 254

 176, 226, 255

Harmonies

Analogous

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



153, 120, 168



176, 113, 145



184, 112, 118

Triad

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



176, 113, 145



81, 135, 81



32, 94, 170

Complementary

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



176, 113, 145



113, 155, 176

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.



37, 92, 146



176, 113, 145



95, 142, 132

Square

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



176, 113, 145



141, 160, 81



72, 116, 145



74, 114, 183

Rectangle

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



176, 113, 145



181, 118, 102



72, 116, 145



26, 90, 163

Sweetspot

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



176, 113, 145



230, 204, 217



143, 113, 176



115, 100, 107



242, 242, 242



115, 115, 115

Same Dimension

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



176, 113, 145



230, 131, 181



176, 113, 114



89, 80, 85



153, 0, 78



26, 0, 13

Inverse Universe

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



176, 113, 145



230, 131, 181



113, 145, 176



89, 80, 85



153, 0, 78



26, 0, 13

Previews

White Background



This preview shows how the RYB color 176, 113, 145 looks on a white background.

Color Contrast Check

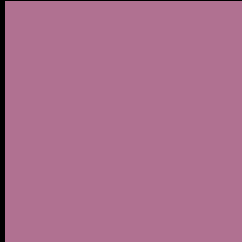
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 176, 113, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

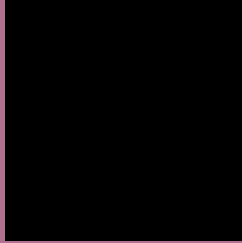
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 176, 113, 145 Background



This preview shows how black text looks on a background with the RYB color 176, 113, 145.



This preview shows how white text looks on a background with the RYB color 176, 113, 145.

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



Original Color

176, 113, 145

Protanopia

127, 131, 157

Deuteranopia

141, 129, 142



Tritanopia
174, 117, 125

Trichromacy



Original Color
176, 113, 145

Protanomaly
145, 124, 153

Deuteranomaly
154, 123, 143

Tritanomaly
175, 116, 132

Monochromacy



Original Color
176, 113, 145

Achromatopsia
135, 135, 135

Achromatomaly
150, 127, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 113, 145 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(176, 113, 145)` looks like.

```
.text, #text, p{  
    color:rgb(176, 113, 145)  
}
```

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(176, 113, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 113, 145) }
```

Border

The CSS property to change the border of an element to RYB 176, 113, 145 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(176, 113, 145) }
```

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

```
.border{ border-color:rgb(176, 113, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 113, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 113, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 113, 145); box-shadow:4px 4px 4px 4px rgb(176, 113, 145) }
```

Background

The CSS property to change the background color of an element to RYB 176, 113, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 113, 145) }
```

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

```
.background{ background-color: rgb(176,  
113, 145) }
```

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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