

Converting Colors

`RYB(177, 115, 125)`

Have a look what the booklet for
RYB(177, 115, 125) contains.

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Color

R_YB(177, 115, 125)

Conversions

Conversions Part 1

Format	Color
Hex	B1737D
RGB	177, 115, 125
RGB Percent	69%, 45%, 49%
CMY	0.3059, 0.5490, 0.5098
CMYK	0.00, 0.35, 0.29, 0.31
HSL	350°, 28%, 57%
HSV	350°, 35%, 69%
XYZ	27.9639, 23.0892, 22.3849
YIQ	134.6780, 33.7420, 16.2540

Conversions

Conversions Part 2

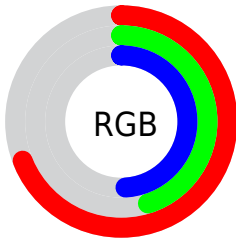
Format	Color
R_{YB}	177, 115, 125
Decimal	11629437
CIE _{Lab}	55.16, 25.81, 4.66
CIE _{LCh}	55, 26.224, 10.229
Yxy	23.0892, 0.3808, 0.3144
Android (android.graphics.Color)	4289819517 (0xFFB1737D)
YUV	134.6780, -4.7713, 37.1164
Hunter-Lab	48.0513, 19.7899, 6.0154

Details

The RYB color **177, 115, 125** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **115, 149, 177**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **234, 168, 178**, and **123, 66, 76** is the 20% darker color. If you saturate the color by 10%, you get **177, 97, 110**, and if you desaturate by 10%, it is **177, 133, 140**.

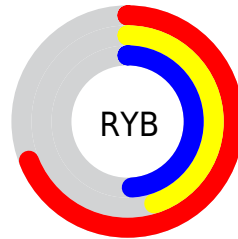
Distribution



Red (69%)

Green (45%)

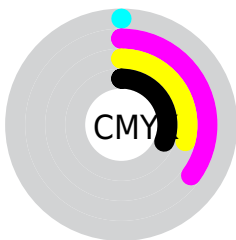
Blue (49%)



Red (69%)

Yellow (45%)

Blue (49%)

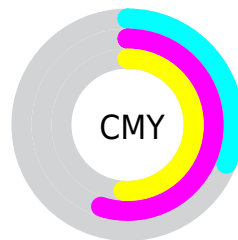


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (55%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the RYB color 177, 115, 125 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 177, 115, 125 by changing the saturation by 10% instead.

 177, 115, 125

255, 255, 255

 234, 168, 178

 255, 195, 205

 255, 223, 233


 255, 252, 255

 177, 115, 125

 149, 90, 100

 123, 66, 76


 97, 42, 54

 71, 20, 32


 48, 0, 9


 13, 0, 0

 0, 0, 0

 177, 115, 125

 177, 97, 110

 177, 115, 125

 177, 133, 140

■ 177, 80, 95

■ 177, 150, 155

■ 177, 62, 80

■ 177, 168, 170

■ 177, 44, 66

■ 177, 182, 186

■ 177, 26, 51

■ 177, 191, 203

■ 177, 9, 36

■ 177, 201, 221

■ 177, 0, 29

■ 177, 211, 239

■ 177, 219, 255

■ 177, 216, 255

Harmonies

Analogous

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



167, 117, 148



177, 115, 125



174, 122, 104

Triad

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



177, 115, 125



97, 139, 121



79, 116, 174

Complementary

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



177, 115, 125



115, 149, 177

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.



57, 104, 161



177, 115, 125



88, 124, 143

Square

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



177, 115, 125



95, 140, 87



64, 106, 145



114, 128, 176

Rectangle

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



177, 115, 125



166, 144, 93



64, 106, 145



70, 111, 171

Sweetspot

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



177, 115, 125



230, 204, 208



167, 115, 177



115, 100, 102



242, 242, 242



115, 115, 115

Same Dimension

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



177, 115, 125



230, 133, 149



177, 147, 115



89, 80, 82



153, 0, 25



26, 0, 4

Inverse Universe

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



177, 115, 125



230, 133, 149



115, 140, 177



89, 80, 82



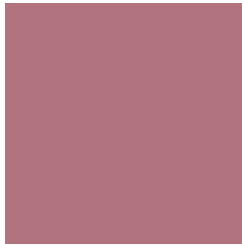
153, 0, 25



26, 0, 4

Previews

White Background



This preview shows how the RYB color 177, 115, 125 looks on a white background.

Color Contrast Check

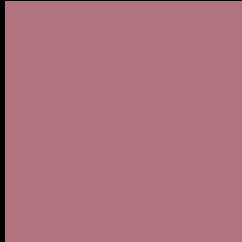
Large Text (above 18pt) WCAG AA ✓ Pass

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 177, 115, 125 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 177, 115, 125 Background



This preview shows how black text looks on a background with the RYB color 177, 115, 125.




This preview shows how white text looks on a background with the RYB color 177, 115, 125.

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
177, 115, 124

Trichromacy



Original Color

177, 115, 125

Protanomaly

150, 126, 131

Deuteranomaly

159, 123, 124

Tritanomaly

177, 115, 124

Monochromacy



Original Color

177, 115, 125

Achromatopsia

135, 135, 135

Achromatomaly

150, 128, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 115, 125 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(177, 115, 125)` looks like.

```
.text, #text, p{  
    color:rgb(177, 115, 125)  
}
```

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(177, 115, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 115, 125) }
```

Border

The CSS property to change the border of an element to RYB 177, 115, 125 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(177, 115, 125) }
```

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

```
.border{ border-color:rgb(177, 115, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 115, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 115, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 115, 125);  
box-shadow:4px 4px 4px 4px rgb(177, 115,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 177, 115, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 115, 125) }
```

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

```
.background{ background-color: rgb(177,  
115, 125) }
```

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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