

Converting Colors

`RYB(188, 114, 140)`

Have a look what the booklet for
RYB(188, 114, 140) contains.

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Color

R_YB(188, 114, 140)

Conversions

Conversions Part 1

Format	Color
Hex	BC728C
RGB	188, 114, 140
RGB Percent	74%, 45%, 55%
CMY	0.2627, 0.5529, 0.4510
CMYK	0.00, 0.39, 0.26, 0.26
HSL	339°, 36%, 59%
HSV	339°, 39%, 74%
XYZ	31.4900, 24.6194, 27.9033
YIQ	139.0900, 35.7580, 23.7740

Conversions

Conversions Part 2

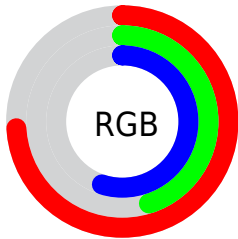
Format	Color
R_{YB}	188, 114, 140
Decimal	12350092
CIE _{Lab}	56.70, 32.60, -1.69
CIE _{LCh}	57, 32.647, 357.038
Yxy	24.6194, 0.3748, 0.2930
Android (android.graphics.Color)	4290540172 (0xFFBC728C)
YUV	139.0900, 0.4486, 42.8941
Hunter-Lab	49.6180, 26.4533, 1.3901

Details

The RYB color **188, 114, 140** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **114, 159, 188**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **246, 167, 193**, and **133, 64, 90** is the 20% darker color. If you saturate the color by 10%, you get **188, 95, 128**, and if you desaturate by 10%, it is **188, 133, 152**.

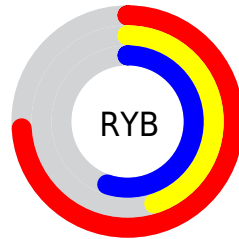
Distribution



Red (74%)

Green (45%)

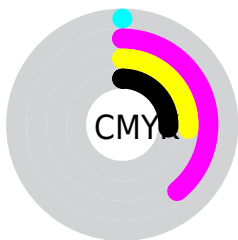
Blue (55%)



Red (74%)

Yellow (45%)

Blue (55%)

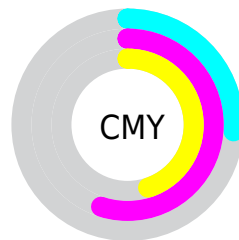


Cyan (0%)

Magenta (39%)

Yellow (26%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 114, 140 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 188, 114, 140 by changing the saturation by 10% instead.

 188, 114, 140

255, 255, 255

 246, 167, 193

 255, 195, 221

 255, 223, 250


 255, 252, 255

 188, 114, 140

 160, 89, 115

 133, 64, 90

 106, 40, 67

 80, 15, 45


 55, 0, 24

 32, 0, 1

 0, 0, 0

 188, 114, 140

 188, 95, 128

 188, 114, 140

 188, 133, 152

■ 188, 76, 116

■ 188, 152, 164

■ 188, 58, 103

■ 188, 170, 177

■ 188, 39, 91

■ 188, 189, 189

■ 188, 20, 79

■ 188, 200, 208

■ 188, 1, 67

■ 188, 212, 227

■ 188, 0, 66

■ 188, 223, 246

■ 188, 226, 255

■ 188, 223, 255

Harmonies

Analogous

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



169, 120, 167



188, 114, 140



191, 116, 112

Triad

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



188, 114, 140



84, 142, 98



34, 98, 183

Complementary

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



188, 114, 140



114, 159, 188

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.



3, 79, 161



188, 114, 140



95, 140, 148

Square

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



188, 114, 140



114, 157, 79



55, 108, 151



89, 123, 192

Rectangle

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



188, 114, 140



185, 129, 96



55, 108, 151



13, 87, 177

Sweetspot

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



188, 114, 140



245, 215, 226



161, 114, 188



122, 105, 111



250, 250, 250



122, 122, 122

Same Dimension

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



188, 114, 140



245, 130, 170



188, 126, 114



94, 85, 88



158, 0, 56



31, 0, 11

Inverse Universe

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



188, 114, 140



245, 130, 170



114, 148, 188



94, 85, 88



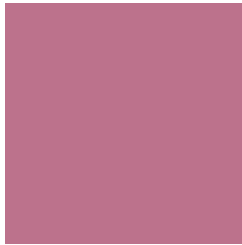
158, 0, 56



31, 0, 11

Previews

White Background



This preview shows how the RYB color 188, 114, 140 looks on a white background.

Color Contrast Check

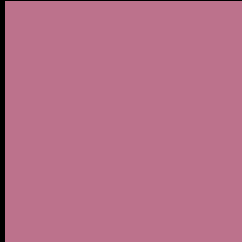
Large Text (above 18pt) WCAG AA ✓ Pass

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 188, 114, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

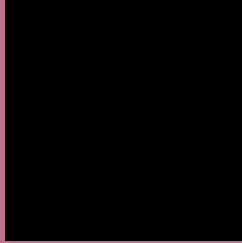
Any Text WCAG AA ✓ Pass

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 188, 114, 140 Background



This preview shows how black text looks on a background with the RYB color 188, 114, 140.

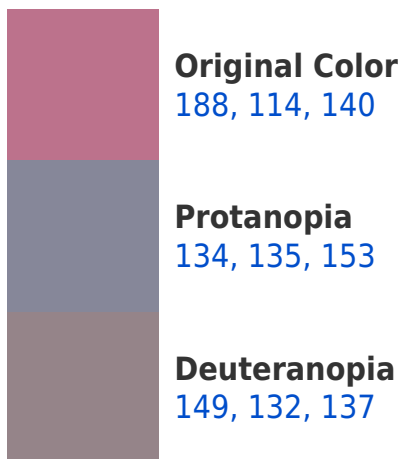


This preview shows how white text looks on a background with the RYB color 188, 114, 140.

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
187, 117, 125

Trichromacy



Original Color
188, 114, 140

Protanomaly
154, 127, 148

Deuteranomaly
163, 125, 138

Tritanomaly
187, 116, 130

Monochromacy



Original Color
188, 114, 140

Achromatopsia
139, 139, 139

Achromatomaly
157, 130, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 114, 140 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(188, 114, 140) looks like.

```
.text, #text, p{  
    color:rgb(188, 114, 140)  
}
```

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(188, 114, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 114, 140) }
```

Border

The CSS property to change the border of an element to RYB 188, 114, 140 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(188, 114, 140) }
```

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

```
.border{ border-color:rgb(188, 114, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 114, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 114, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 114, 140);  
box-shadow:4px 4px 4px 4px rgb(188, 114,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 188, 114, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 114, 140) }
```

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

```
.background{ background-color: rgb(188,  
114, 140) }
```

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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