

Converting Colors

`RYB(184, 157, 173)`

Have a look what the booklet for RYB(184, 157, 173) contains.

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Color

R_YB(184, 157, 173)

Conversions

Conversions Part 1

Format	Color
Hex	B89DAD
RGB	184, 157, 173
RGB Percent	72%, 62%, 68%
CMY	0.2784, 0.3843, 0.3216
CMYK	0.00, 0.15, 0.06, 0.28
HSL	324°, 16%, 67%
HSV	324°, 15%, 72%
XYZ	39.3670, 37.3214, 44.6641
YIQ	166.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

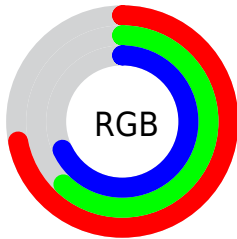
Format	Color
RYB	184, 157, 173
Decimal	12098989
CIELab	67.52, 12.72, -4.61
CIELCh	68, 13.527, 340.084
Yxy	37.3214, 0.3244, 0.3075
Android (android.graphics.Color)	4290289069 (0xFFB89DAD)
YUV	166.8970, 3.0088, 14.9993
Hunter-Lab	61.0913, 8.1150, -0.5833

Details

The RYB color **184, 157, 173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **157, 176, 184**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **240, 212, 228**, and **131, 106, 121** is the 20% darker color. If you saturate the color by 10%, you get **184, 139, 166**, and if you desaturate by 10%, it is **184, 175, 180**.

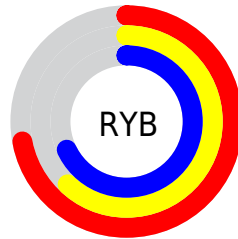
Distribution



Red (72%)

Green (62%)

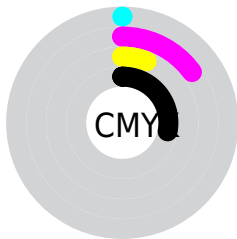
Blue (68%)



Red (72%)

Yellow (62%)

Blue (68%)

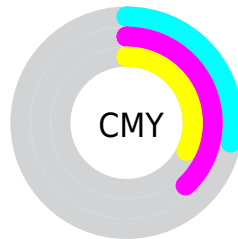


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the RYB color 184, 157, 173 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 184, 157, 173 by changing the saturation by 10% instead.


 184, 157, 173

 184, 157, 173


255, 255, 255


 157, 131, 146


 240, 212, 228

 131, 106, 121

 255, 240, 255

 105, 81, 96


 81, 58, 72


 58, 36, 50


 36, 16, 29


 5, 0, 1

 0, 0, 0

 184, 157, 173


 184, 157, 173

 184, 139, 166

 184, 175, 180

 184, 120, 158

 184, 191, 194

 184, 102, 151

 184, 204, 212

 184, 83, 143

 184, 217, 231

 184, 65, 136

 184, 230, 249

 184, 47, 128

 184, 232, 255

 184, 28, 121

 184, 229, 255

 184, 10, 113

 184, 226, 255

 184, 0, 109

 184, 224, 255

Harmonies

Analogous

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



172, 160, 183



184, 157, 173



190, 156, 161

Triad

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



184, 157, 173



146, 170, 140



134, 155, 180

Complementary

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



184, 157, 173



157, 176, 184

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.



134, 154, 172



184, 157, 173



146, 169, 159

Square

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



184, 157, 173



182, 178, 142



143, 162, 171



142, 158, 187

Rectangle

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



184, 157, 173



190, 157, 153



143, 162, 171



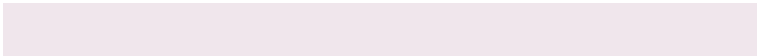
133, 153, 176

Sweetspot

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



184, 157, 173



240, 230, 236



168, 157, 184



120, 114, 117



247, 247, 247



120, 120, 120

Same Dimension

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



184, 157, 173



240, 197, 222



184, 157, 160



92, 83, 88



156, 0, 92



28, 0, 17

Inverse Universe

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



184, 157, 173



240, 197, 222



157, 171, 184



92, 83, 88



156, 0, 92



28, 0, 17

Previews

White Background



This preview shows how the RYB color 184, 157, 173 looks on a white background.

Color Contrast Check

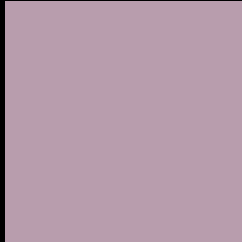
Large Text (above 18pt) WCAG AA × Fail

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 184, 157, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

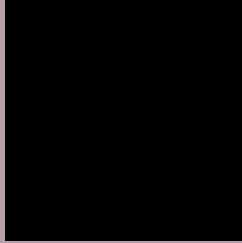
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYP 184, 157, 173 Background



This preview shows how black text looks on a background with the RYP color 184, 157, 173.



This preview shows how white text looks on a background with the RYP color 184, 157, 173.

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
184, 157, 173

Protanopia
164, 164, 177

Deuteranopia
177, 160, 172



Tritanopia
184, 158, 170

Trichromacy



Original Color
184, 157, 173

Protanomaly
171, 161, 176

Deuteranomaly
180, 159, 172

Tritanomaly
184, 158, 171

Monochromacy



Original Color
184, 157, 173

Achromatopsia
167, 167, 167

Achromatomaly
173, 163, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 157, 173 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(184, 157, 173) looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 173)  
}
```

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(184, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 173) }
```

Border

The CSS property to change the border of an element to RYB 184, 157, 173 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(184, 157, 173) }
```

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

```
.border{ border-color:rgb(184, 157, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 157,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 184, 157, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 173) }
```

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

```
.background{ background-color: rgb(184,  
157, 173) }
```

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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