

Converting Colors

RGB(187, 113, 193)

Have a look what the booklet for
RGB(187, 113, 193) contains.

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Color

RGB(187, 113, 193)

Conversions

Conversions Part 1

Format	Color
Hex	BB71C1
RGB	187, 113, 193
RGB Percent	73%, 44%, 76%
CMY	0.2667, 0.5569, 0.2431
CMYK	0.03, 0.41, 0.00, 0.24
HSL	296°, 39%, 60%
HSV	296°, 41%, 76%
XYZ	36.0243, 26.2253, 53.6154
YIQ	144.2460, 18.4240, 40.5680

Conversions

Conversions Part 2

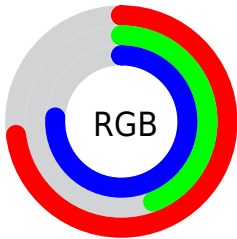
Format	Color
RYB	187, 113, 193
Decimal	12284353
CIELab	58.25, 41.80, -29.92
CIELCh	58, 51.402, 324.410
Yxy	26.2253, 0.3109, 0.2263
Android (android.graphics.Color)	4290474433 (0xFFBB71C1)
YUV	144.2460, 24.0357, 37.4953
Hunter-Lab	51.2106, 35.9477, -26.2267

Details

The RGB color **187, 113, 193** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **119, 193, 113**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **244, 166, 250**, and **132, 62, 139** is the 20% darker color. If you saturate the color by 10%, you get **186, 94, 193**, and if you desaturate by 10%, it is **188, 132, 193**.

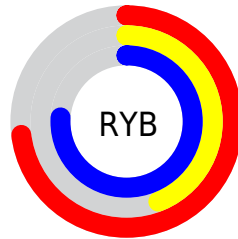
Distribution



Red (73%)

Green (44%)

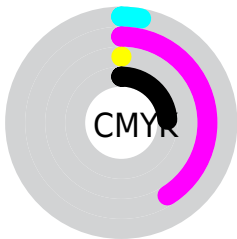
Blue (76%)



Red (73%)

Yellow (44%)

Blue (76%)

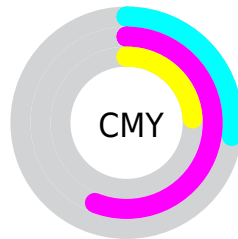


Cyan (3%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (56%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RGB color 187, 113, 193 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 RGB color 187, 113, 193 by changing the saturation by 10% instead.

 187, 113, 193

255, 255, 255

 244, 166, 250

 255, 194, 255

 255, 223, 255

 255, 252, 255

 187, 113, 193

 159, 87, 166

 132, 62, 139

 106, 37, 113


 80, 7, 89


 55, 0, 65

 34, 0, 43

 0, 1, 20

 0, 0, 0

 187, 113, 193

 187, 113, 193

186, 94, 193

188, 132, 193

184, 74, 193

190, 152, 193

183, 55, 193

191, 171, 193

181, 36, 193

193, 190, 193

180, 16, 193

194, 209, 193

179, 0, 193

196, 229, 193

197, 248, 193

199, 255, 193

200, 255, 193

Harmonies

Analogous

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



127, 132, 222



187, 113, 193



217, 100, 150

Triad

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



187, 113, 193



172, 135, 45



0, 162, 176

Complementary

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



187, 113, 193



119, 193, 113

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, 162, 130



187, 113, 193



129, 149, 52

Square

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



187, 113, 193



205, 118, 67



71, 157, 85



0, 158, 212

Rectangle

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



187, 113, 193



223, 100, 120



71, 157, 85



0, 162, 161

Sweetspot

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



187, 113, 193



248, 220, 250



113, 120, 193



124, 107, 125



252, 252, 252



125, 125, 125

Same Dimension

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



187, 113, 193



241, 125, 250



193, 113, 160



96, 87, 97



149, 0, 161



31, 0, 33

Inverse Universe

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



193, 113, 119



250, 125, 134



113, 193, 146



97, 87, 88



161, 0, 12



33, 0, 2

Previews

White Background



This preview shows how the RGB color 187, 113, 193 looks on a white background.

Color Contrast Check

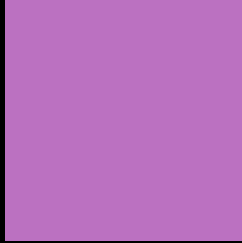
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 187, 113, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

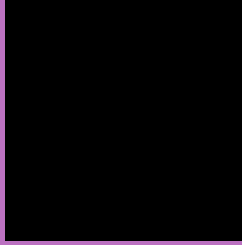
Any Text WCAG AA ✓ Pass

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](#).

RGB 187, 113, 193 Background



This preview shows how black text looks on a background with the RGB color 187, 113, 193.



This preview shows how white text looks on a background with the RGB color 187, 113, 193.

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
187, 113, 193

Protanopia
114, 138, 213

Deuteranopia
127, 138, 188



Tritanopia
179, 126, 135

Trichromacy



Original Color

187, 113, 193



Protanomaly

141, 129, 206



Deuteranomaly

149, 129, 190



Tritanomaly

182, 121, 156

Monochromacy



Original Color

187, 113, 193



Achromatopsia

144, 144, 144



Achromatomaly

160, 133, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 113, 193 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(187, 113, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 113, 193)  
}
```

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(187, 113, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 113, 193) }
```

Border

The CSS property to change the border of an element to RGB 187, 113, 193 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(187, 113, 193) }
```

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

```
.border{ border-color:rgb(187, 113, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 113, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 113, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 113, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 113,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 187, 113, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 113, 193) }
```

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

```
.background{ background-color: rgb(187,  
113, 193) }
```

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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