

Converting Colors

`RYB(182, 133, 205)`

Have a look what the booklet for
RYB(182, 133, 205) contains.

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Color

R_YB(182, 133, 205)

Conversions

Conversions Part 1

Format	Color
Hex	B685CD
RGB	182, 133, 205
RGB Percent	71%, 52%, 80%
CMY	0.2863, 0.4784, 0.1961
CMYK	0.11, 0.35, 0.00, 0.20
HSL	281°, 42%, 66%
HSV	281°, 35%, 80%
XYZ	38.6984, 31.1279, 61.7263
YIQ	155.8590, 6.0920, 32.7800

Conversions

Conversions Part 2

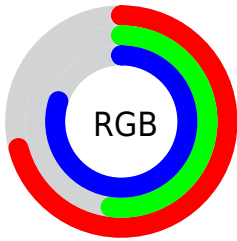
Format	Color
RYB	182, 133, 205
Decimal	11961805
CIELab	62.62, 31.73, -29.98
CIElCh	63, 43.651, 316.618
Yxy	31.1279, 0.2942, 0.2366
Android (android.graphics.Color)	4290151885 (0xFFB685CD)
YUV	155.8590, 24.2265, 22.9257
Hunter-Lab	55.7924, 26.1734, -26.5412

Details

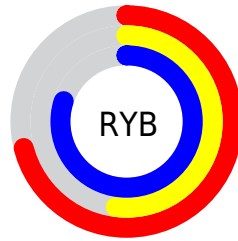
The RYB color **182, 133, 205** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **133, 205, 182**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **239, 187, 255**, and **128, 82, 150** is the 20% darker color. If you saturate the color by 10%, you get **175, 113, 205**, and if you desaturate by 10%, it is **189, 154, 205**.

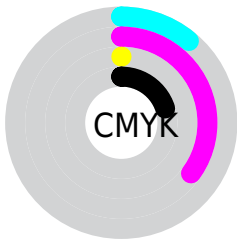
Distribution



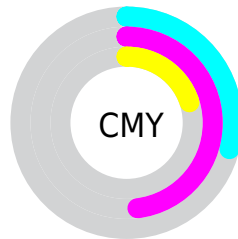
- Red (71%)
- Green (52%)
- Blue (80%)



- Red (71%)
- Yellow (52%)
- Blue (80%)



- Cyan (11%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 182, 133, 205 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 182, 133, 205 by changing the saturation by 10% instead.

 182, 133, 205

 182, 133, 205

255, 255, 255

 155, 107, 177

 239, 187, 255

 128, 82, 150

 255, 215, 255

 102, 58, 124

 255, 243, 255

 77, 35, 99


 52, 11, 75

 31, 0, 52

 0, 2, 30

 0, 0, 0

 182, 133, 205

 182, 133, 205

 175, 113, 205

 189, 154, 205

 169, 92, 205

 195, 174, 205

 162, 72, 205


 202, 195, 205

 156, 51, 205

 205, 215, 212

 149, 31, 205

 205, 236, 226

 143, 10, 205

 205, 255, 239

 140, 0, 205

 205, 255, 232

 205, 255, 226

 205, 255, 219

Harmonies

Analogous

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



127, 144, 226



182, 133, 205



215, 121, 170

Triad

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



182, 133, 205



154, 190, 75



0, 86, 172

Complementary

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



182, 133, 205



133, 205, 182

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.



48, 120, 170



182, 133, 205



75, 156, 77

Square

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



182, 133, 205



215, 141, 97



96, 165, 151



0, 93, 207

Rectangle

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



182, 133, 205



224, 119, 144



96, 165, 151



0, 89, 171

Sweetspot

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



182, 133, 205



246, 227, 255



133, 151, 205



122, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 133, 205



221, 148, 255



205, 133, 193



99, 92, 102



113, 0, 166



26, 0, 38

Inverse Universe

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



205, 133, 156



255, 148, 182



133, 195, 205



102, 92, 95



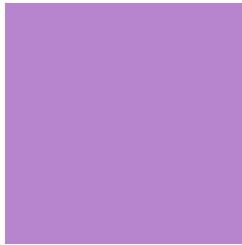
166, 0, 53



38, 0, 12

Previews

White Background



This preview shows how the RYB color 182, 133, 205 looks on a white background.

Color Contrast Check

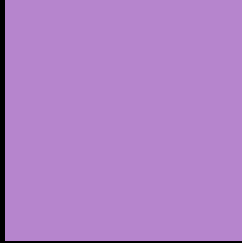
Large Text (above 18pt) WCAG AA × Fail

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 182, 133, 205 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](#).

RYB 182, 133, 205 Background



This preview shows how black text looks on a background with the RYB color 182, 133, 205.

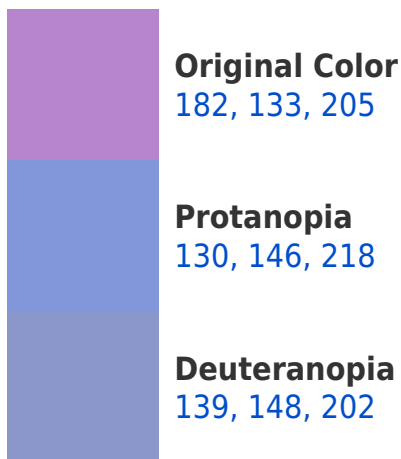



This preview shows how white text looks on a background with the RYB color 182, 133, 205.

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
174, 143, 154

Trichromacy



Original Color
182, 133, 205

Protanomaly
149, 143, 213

Deuteranomaly
155, 143, 203

Tritanomaly
177, 139, 173

Monochromacy



Original Color
182, 133, 205

Achromatopsia
156, 156, 156

Achromatomaly
165, 148, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 133, 205 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(182, 133, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 205)  
}
```

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(182, 133, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 205) }
```

Border

The CSS property to change the border of an element to RYB 182, 133, 205 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(182, 133, 205) }
```

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

```
.border{ border-color:rgb(182, 133, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 182, 133, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 205) }
```

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

```
.background{ background-color: rgb(182,  
133, 205) }
```

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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