

Converting Colors

`RYB(223, 188, 235)`

Have a look what the booklet for
RYB(223, 188, 235) contains.

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Color

R_YB(223, 188, 235)

Conversions

Conversions Part 1

Format	Color
Hex	DFBCEB
RGB	223, 188, 235
RGB Percent	87%, 74%, 92%
CMY	0.1255, 0.2627, 0.0784
CMYK	0.05, 0.20, 0.00, 0.08
HSL	285°, 54%, 83%
HSV	285°, 20%, 92%
XYZ	63.4100, 57.6526, 86.3833
YIQ	203.8230, 5.7730, 22.0370

Conversions

Conversions Part 2

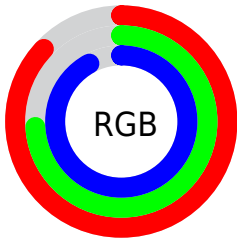
Format	Color
R _Y B	223, 188, 235
Decimal	14662891
CIE Lab	80.55, 20.75, -18.69
CIE LCh	81, 27.928, 317.990
Yxy	57.6526, 0.3057, 0.2779
Android (android.graphics.Color)	4292852971 (0xFFDFBCEB)
YUV	203.8230, 15.3703, 16.8182
Hunter-Lab	75.9293, 16.1926, -14.3026

Details

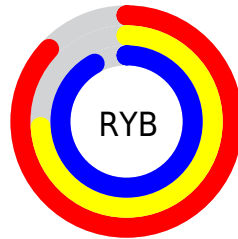
The RYB color **223, 188, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **188, 235, 223**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 244, 255**, and **167, 135, 179** is the 20% darker color. If you saturate the color by 10%, you get **217, 165, 235**, and if you desaturate by 10%, it is **229, 212, 235**.

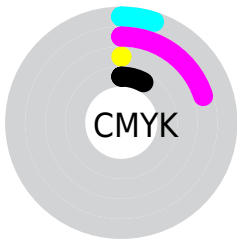
Distribution



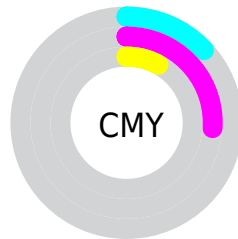
- Red (87%)
- Green (74%)
- Blue (92%)



- Red (87%)
- Yellow (74%)
- Blue (92%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 188, 235 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 223, 188, 235 by changing the saturation by 10% instead.

 223, 188, 235


255, 255, 255

 255, 244, 255

 223, 188, 235

 195, 161, 207


 167, 135, 179

 141, 109, 152

 115, 85, 126

 90, 61, 101

 66, 39, 77


 43, 17, 54

 26, 0, 33


 0, 0, 6

 223, 188, 235

 223, 188, 235

 217, 165, 235

 229, 212, 235

 211, 141, 235


 235, 235, 235

 205, 118, 235

 235, 255, 249

 199, 94, 235


 235, 255, 243

 193, 71, 235

 235, 255, 237

 187, 47, 235

 235, 255, 235

 181, 24, 235

 175, 0, 235

Harmonies

Analogous

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



190, 196, 249



223, 188, 235



245, 182, 211

Triad

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



223, 188, 235



208, 229, 149



125, 170, 215

Complementary

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



223, 188, 235



188, 235, 223

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.



144, 187, 214



223, 188, 235



150, 203, 150

Square

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



223, 188, 235



247, 195, 162



164, 210, 201



128, 176, 238

Rectangle

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



223, 188, 235



252, 181, 194



164, 210, 201



130, 175, 215

Sweetspot

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



223, 188, 235



251, 240, 255



188, 198, 235



125, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 188, 235



239, 194, 255



235, 188, 224



114, 106, 117



135, 0, 181



40, 0, 54

Inverse Universe

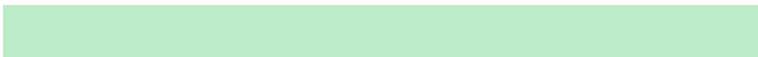
The Inverse Universe completely reimagines the original color for something new.



235, 188, 200



255, 194, 209



188, 226, 235



117, 106, 109



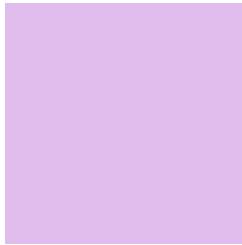
181, 0, 46



54, 0, 14

Previews

White Background



This preview shows how the RYB color 223, 188, 235 looks on a white background.

Color Contrast Check

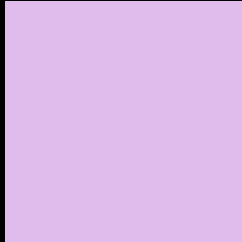
Large Text (above 18pt) WCAG AA × Fail

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 223, 188, 235 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 223, 188, 235 Background



This preview shows how black text looks on a background with the RYB color 223, 188, 235.



This preview shows how white text looks on a background with the RYB color 223, 188, 235.

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
223, 188, 235

Protanopia
190, 197, 242

Deuteranopia
203, 195, 234



Tritanopia
219, 193, 208

Trichromacy



Original Color
223, 188, 235

Protanomaly
202, 194, 239

Deuteranomaly
210, 192, 234

Tritanomaly
220, 191, 218

Monochromacy



Original Color
223, 188, 235

Achromatopsia
204, 204, 204

Achromatomaly
211, 198, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 188, 235 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(223, 188, 235) looks like.

```
.text, #text, p{  
    color:rgb(223, 188, 235)  
}
```

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(223, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 188, 235) }
```

Border

The CSS property to change the border of an element to RYB 223, 188, 235 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(223, 188, 235) }
```

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

```
.border{ border-color:rgb(223, 188, 235) }
```

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

Here you see how a box with a 4 pixel rgb(223, 188, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 188,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 223, 188, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 188, 235) }
```

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

```
.background{ background-color: rgb(223,  
188, 235) }
```

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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