

Converting Colors

`RYB(210, 187, 235)`

Have a look what the booklet for RYB(210, 187, 235) contains.

RYB(210, 187, 235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(210, 187, 235)

Conversions

Conversions Part 1

Format	Color
Hex	D2BBEB
RGB	210, 187, 235
RGB Percent	82%, 73%, 92%
CMY	0.1765, 0.2667, 0.0784
CMYK	0.11, 0.20, 0.00, 0.08
HSL	269°, 55%, 83%
HSV	269°, 20%, 92%
XYZ	59.3441, 55.2404, 86.1320
YIQ	199.3490, -1.7000, 19.8040

Conversions

Conversions Part 2

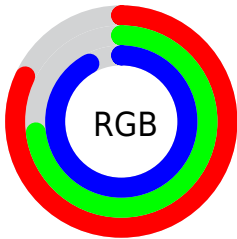
Format	Color
R _{YB}	210, 187, 235
Decimal	13810667
CIE Lab	79.18, 17.09, -20.87
CIE LCh	79, 26.973, 309.323
Yxy	55.2404, 0.2957, 0.2752
Android (android.graphics.Color)	4292000747 (0xFFD2BBEB)
YUV	199.3490, 17.5759, 9.3409
Hunter-Lab	74.3239, 12.4568, -16.6828

Details

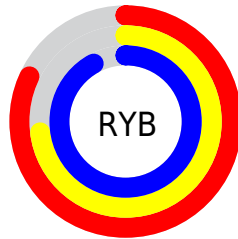
The RYB color **210, 187, 235** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **187, 235, 210**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 243, 255**, and **155, 134, 179** is the 20% darker color. If you saturate the color by 10%, you get **198, 164, 235**, and if you desaturate by 10%, it is **222, 211, 235**.

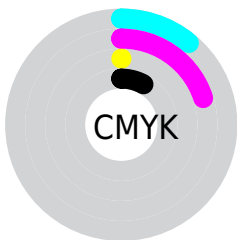
Distribution



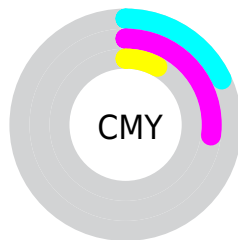
- Red (82%)
- Green (73%)
- Blue (92%)



- Red (82%)
- Yellow (73%)
- Blue (92%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)




- Cyan (18%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RYB color 210, 187, 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 210, 187, 235 by changing the saturation by 10% instead.

 210, 187, 235

255, 255, 255


 255, 243, 255

 210, 187, 235

 182, 160, 207

 155, 134, 179

 129, 108, 152

 103, 84, 126

 79, 61, 101

 55, 39, 77

 33, 18, 54

 12, 0, 33

 0, 0, 5

■ 210, 187, 235

■ 210, 187, 235

■ 198, 164, 235

■ 222, 211, 235

■ 186, 140, 235

■ 234, 234, 235

■ 173, 117, 235

■ 235, 255, 243

■ 161, 93, 235

■ 235, 255, 235

■ 149, 70, 235

■ 137, 46, 235

■ 124, 23, 235

■ 113, 0, 235

Harmonies

Analogous

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



176, 192, 245



210, 187, 235



235, 180, 214

Triad

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



210, 187, 235



230, 226, 150



128, 171, 210

Complementary

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



210, 187, 235



187, 235, 210

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.



150, 190, 209



210, 187, 235



158, 207, 146

Square

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



210, 187, 235



245, 185, 165



157, 204, 182



124, 171, 227

Rectangle

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



210, 187, 235



244, 178, 198



157, 204, 182



134, 176, 210

Sweetspot

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



210, 187, 235



247, 240, 255



187, 204, 235



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 187, 235



222, 191, 255



233, 187, 235



111, 106, 117



87, 0, 181



26, 0, 54

Inverse Universe

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



235, 187, 212



255, 191, 224



187, 235, 233



117, 106, 112



181, 0, 94



54, 0, 28

Previews

White Background



This preview shows how the RYB color 210, 187, 235 looks on a white background.

Color Contrast Check

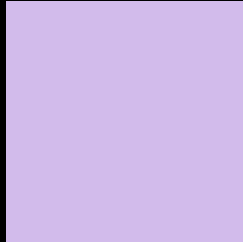
Large Text (above 18pt) WCAG AA × Fail

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 210, 187, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

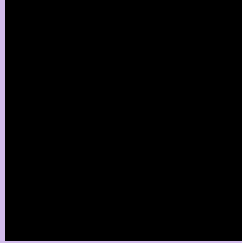
Any Text WCAG AA ✓ Pass

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 210, 187, 235 Background



This preview shows how black text looks on a background with the RYB color 210, 187, 235.

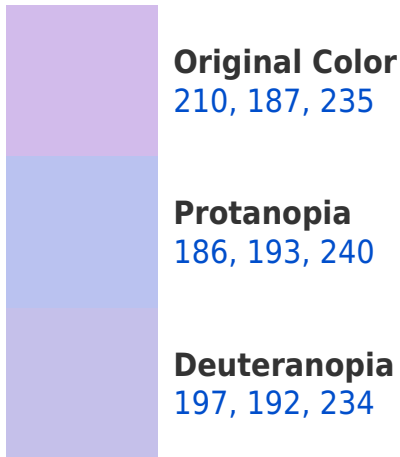



This preview shows how white text looks on a background with the RYB color 210, 187, 235.

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





Tritanopia
205, 192, 207

Trichromacy



Original Color
210, 187, 235

Protanomaly
195, 191, 238

Deuteranomaly
202, 190, 234

Tritanomaly
207, 190, 217

Monochromacy



Original Color
210, 187, 235

Achromatopsia
199, 199, 199

Achromatomaly
203, 195, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 187, 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(210, 187, 235) looks like.

```
.text, #text, p{  
    color:rgb(210, 187, 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(210, 187, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 187, 235) }
```

Border

The CSS property to change the border of an element to RYB 210, 187, 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(210, 187, 235) }
```

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

```
.border{ border-color:rgb(210, 187, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 187, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 187, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 187, 235);  
box-shadow:4px 4px 4px 4px rgb(210, 187,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 210, 187, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 187, 235) }
```

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

```
.background{ background-color: rgb(210,  
187, 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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