

Converting Colors

`RYB(230, 190, 236)`

Have a look what the booklet for
RYB(230, 190, 236) contains.

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Color

R_YB(230, 190, 236)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E6BEEC |
| RGB | 230, 190, 236 |
| RGB Percent | 90%, 75%, 93% |
| CMY | 0.0980, 0.2549, 0.0745 |
| CMYK | 0.03, 0.19, 0.00, 0.07 |
| HSL | 292°, 55%, 84% |
| HSV | 292°, 19%, 93% |
| XYZ | 66.1869, 59.7060, 87.3929 |
| YIQ | 207.2040, 9.0740, 22.7860 |

Conversions

Conversions Part 2

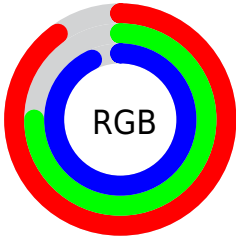
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 190, 236 |
| Decimal | 15122156 |
| CIE Lab | 81.68, 22.15, -17.46 |
| CIE LCh | 82, 28.205, 321.764 |
| Yxy | 59.7060, 0.3103, 0.2799 |
| Android (android.graphics.Color) | 4293312236 (0xFFE6BEEC) |
| YUV | 207.2040, 14.1964, 19.9921 |
| Hunter-Lab | 77.2697, 17.6758, -12.9689 |

Details

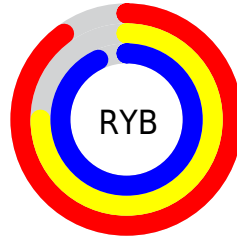
The RYB color **230, 190, 236** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **190, 236, 230**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 246, 255**, and **174, 136, 180** is the 20% darker color. If you saturate the color by 10%, you get **227, 166, 236**, and if you desaturate by 10%, it is **233, 214, 236**.

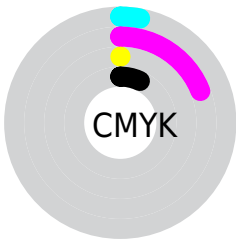
Distribution



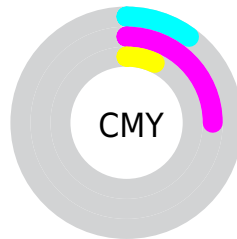
- Red (90%)
- Green (75%)
- Blue (93%)



- Red (90%)
- Yellow (75%)
- Blue (93%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)





- Cyan (10%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 190, 236 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 230, 190, 236 by changing the saturation by 10% instead.


 230, 190, 236

 230, 190, 236

255, 255, 255

 202, 163, 208

 255, 246, 255


 174, 136, 180

 147, 111, 153

 121, 86, 127

 96, 62, 102


 72, 40, 78


 48, 18, 55

 30, 0, 34


 0, 0, 8

 230, 190, 236


 230, 190, 236

 227, 166, 236

 233, 214, 236

 224, 143, 236


 236, 237, 237

 221, 119, 236

 236, 255, 252

 218, 96, 236


 236, 255, 249

 215, 72, 236

 236, 255, 246

 212, 48, 236

 236, 255, 243

 208, 25, 236

 236, 255, 239

 205, 1, 236

 236, 255, 236

 205, 0, 236

Harmonies

Analogous

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



198, 199, 252



230, 190, 236



251, 185, 211

Triad

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



230, 190, 236



200, 229, 151



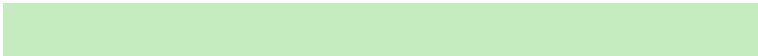
127, 173, 222

Complementary

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



230, 190, 236



190, 236, 230

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, 188, 218



230, 190, 236



154, 207, 159

Square

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



230, 190, 236



249, 202, 163



170, 214, 212



132, 179, 244

Rectangle

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



230, 190, 236



255, 184, 193



170, 214, 212



130, 175, 218

Sweetspot

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



230, 190, 236



253, 240, 255



190, 195, 236



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 190, 236



247, 196, 255



236, 190, 219



116, 106, 117



157, 0, 181



47, 0, 54

Inverse Universe

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



236, 190, 196



255, 196, 204



190, 224, 236



117, 106, 107



181, 0, 24



54, 0, 7

Previews

White Background



This preview shows how the RYB color 230, 190, 236 looks on a white background.

Color Contrast Check

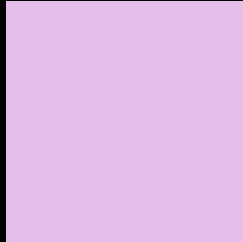
Large Text (above 18pt) WCAG AA × Fail

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 230, 190, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

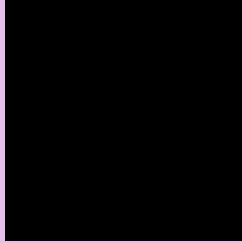
Any Text WCAG AA ✓ Pass

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 230, 190, 236 Background



This preview shows how black text looks on a background with the RYB color 230, 190, 236.




This preview shows how white text looks on a background with the RYB color 230, 190, 236.

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
226, 195, 210

Trichromacy



Original Color
230, 190, 236

Protanomaly
207, 197, 241

Deuteranomaly
216, 195, 235

Tritanomaly
227, 193, 219

Monochromacy



Original Color
230, 190, 236

Achromatopsia
207, 207, 207

Achromatomaly
215, 201, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 190, 236 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(230, 190, 236) looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 236)  
}
```

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(230, 190, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 236) }
```

Border

The CSS property to change the border of an element to RYB 230, 190, 236 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(230, 190, 236) }
```

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

```
.border{ border-color:rgb(230, 190, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 236);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 230, 190, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 236) }
```

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

```
.background{ background-color: rgb(230,  
190, 236) }
```

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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