

Converting Colors

`RYB(229, 204, 240)`

Have a look what the booklet for
RYB(229, 204, 240) contains.

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Color

R_YB(229, 204, 240)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E5CCF0 |
| RGB | 229, 204, 240 |
| RGB Percent | 90%, 80%, 94% |
| CMY | 0.1020, 0.2000, 0.0588 |
| CMYK | 0.05, 0.15, 0.00, 0.06 |
| HSL | 282°, 55%, 87% |
| HSV | 282°, 15%, 94% |
| XYZ | 69.6341, 66.1350, 91.5333 |
| YIQ | 215.5790, 3.3440, 16.4960 |

Conversions

Conversions Part 2

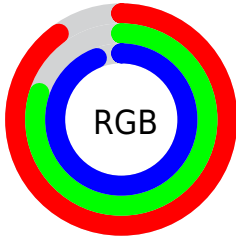
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 229, 204, 240 |
| Decimal | 15060208 |
| CIE _{Lab} | 85.07, 15.12, -14.51 |
| CIE _{LCh} | 85, 20.953, 316.185 |
| Yxy | 66.1350, 0.3064, 0.2910 |
| Android (android.graphics.Color) | 4293250288 (0xFFE5CCF0) |
| YUV | 215.5790, 12.0396, 11.7702 |
| Hunter-Lab | 81.3234, 10.5267, -9.8072 |

Details

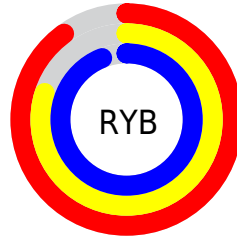
The RYB color `229, 204, 240` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `204, 240, 229`, and the grayscale version is `215, 215, 215`.

A 20% lighter version of the original color is `255, 255, 255`, and `173, 150, 184` is the 20% darker color. If you saturate the color by 10%, you get `222, 180, 240`, and if you desaturate by 10%, it is `236, 228, 240`.

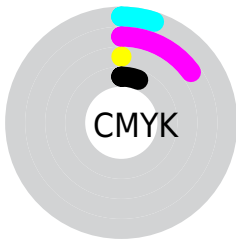
Distribution



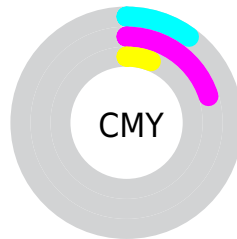
- Red (90%)
- Green (80%)
- Blue (94%)



- Red (90%)
- Yellow (80%)
- Blue (94%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 204, 240 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 229, 204, 240 by changing the saturation by 10% instead.

■ 229, 204, 240

255, 255, 255

■ 229, 204, 240

■ 201, 177, 212

■ 173, 150, 184

■ 147, 124, 157

■ 121, 99, 131

■ 96, 75, 106

■ 72, 52, 81


■ 49, 31, 58

■ 28, 8, 37

■ 0, 1, 14

 229, 204, 240


 229, 204, 240

 222, 180, 240


 236, 228, 240

 214, 156, 240

 240, 252, 248

 207, 132, 240


 240, 255, 244


 200, 108, 240

 240, 255, 240

 192, 84, 240

 185, 60, 240

 178, 36, 240

 170, 12, 240

 167, 0, 240

Harmonies

Analogous

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



204, 210, 250



229, 204, 240



247, 200, 222

Triad

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



229, 204, 240



228, 237, 174



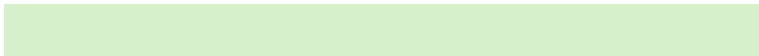
161, 193, 224

Complementary

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



229, 204, 240



204, 240, 229

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.



173, 205, 223



229, 204, 240



176, 217, 174

Square

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



229, 204, 240



250, 208, 185



185, 220, 211



162, 196, 240

Rectangle

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



229, 204, 240



253, 199, 209



185, 220, 211



164, 196, 224

Sweetspot

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



229, 204, 240



251, 242, 255



204, 212, 240



125, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 204, 240



241, 209, 255



240, 204, 233



116, 108, 120



128, 0, 184



39, 0, 56

Inverse Universe

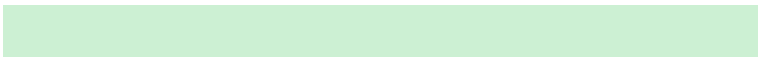
The Inverse Universe completely reimagines the original color for something new.



240, 204, 215



255, 209, 223



204, 234, 240



120, 108, 112



184, 0, 56



56, 0, 17

Previews

White Background



This preview shows how the RYB color 229, 204, 240 looks on a white background.

Color Contrast Check

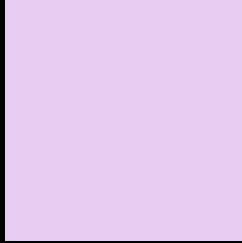
Large Text (above 18pt) WCAG AA × Fail

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 229, 204, 240 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](#).

R Y B 229, 204, 240 Background



This preview shows how black text looks on a background with the R Y B color 229, 204, 240.



This preview shows how white text looks on a background with the R Y B color 229, 204, 240.

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
229, 204, 240

Protanopia
207, 211, 244

Deuteranopia
221, 207, 239



Tritanopia
226, 207, 223

Trichromacy



Original Color
229, 204, 240

Protanomaly
215, 208, 243

Deuteranomaly
224, 206, 239

Tritanomaly
227, 206, 229

Monochromacy



Original Color
229, 204, 240

Achromatopsia
216, 216, 216

Achromatomaly
221, 212, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 204, 240 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(229, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 240)  
}
```

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(229, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 240) }
```

Border

The CSS property to change the border of an element to RYB 229, 204, 240 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(229, 204, 240) }
```

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

```
.border{ border-color:rgb(229, 204, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 204, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 229, 204, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 240) }
```

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

```
.background{ background-color: rgb(229,  
204, 240) }
```

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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