

Converting Colors

`RYB(227, 196, 244)`

Have a look what the booklet for
RYB(227, 196, 244) contains.

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Color

R_YB(227, 196, 244)

Conversions

Conversions Part 1

Format	Color
Hex	E3C4F4
RGB	227, 196, 244
RGB Percent	89%, 77%, 96%
CMY	0.1098, 0.2314, 0.0431
CMYK	0.07, 0.20, 0.00, 0.04
HSL	279°, 69%, 86%
HSV	279°, 20%, 96%
XYZ	67.7476, 62.3424, 94.0506
YIQ	210.7410, 3.0680, 21.5000

Conversions

Conversions Part 2

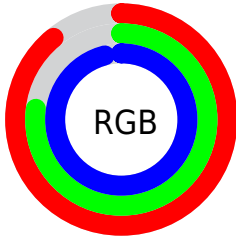
Format	Color
RYB	227, 196, 244
Decimal	14927092
CIELab	83.10, 19.50, -19.62
CIELCh	83, 27.663, 314.832
Yxy	62.3424, 0.3023, 0.2781
Android (android.graphics.Color)	4293117172 (0xFFE3C4F4)
YUV	210.7410, 16.3967, 14.2591
Hunter-Lab	78.9572, 14.9832, -15.3537

Details

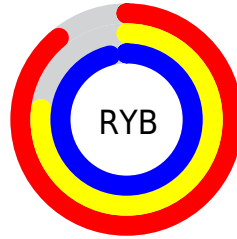
The RYB color **227, 196, 244** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **196, 244, 227**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 253, 255, and **171, 142, 188** is the 20% darker color. If you saturate the color by 10%, you get **218, 172, 244**, and if you desaturate by 10%, it is **236, 220, 244**.

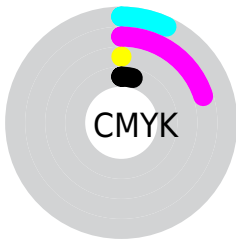
Distribution



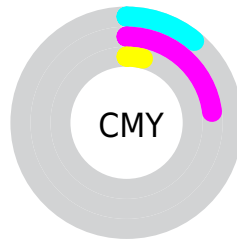
- Red (89%)
- Green (77%)
- Blue (96%)



- Red (89%)
- Yellow (77%)
- Blue (96%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 196, 244 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 227, 196, 244 by changing the saturation by 10% instead.

■ 227, 196, 244

255, 255, 255

■ 255, 253, 255

■ 227, 196, 244

■ 199, 169, 216

■ 171, 142, 188

■ 145, 116, 161

■ 119, 92, 134

■ 94, 68, 109


■ 69, 45, 85


■ 46, 24, 61

■ 27, 0, 39


■ 0, 1, 17

 227, 196, 244


 227, 196, 244

 218, 172, 244

 236, 220, 244

 210, 147, 244

 244, 245, 245


 201, 123, 244

 244, 255, 246

 192, 98, 244

 244, 255, 244

 184, 74, 244

 175, 50, 244

 167, 25, 244

 158, 1, 244

 158, 0, 244

Harmonies

Analogous

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



193, 203, 255



227, 196, 244



251, 190, 221

Triad

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



227, 196, 244



225, 238, 157



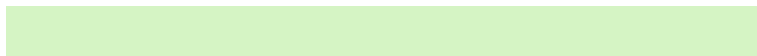
135, 179, 222

Complementary

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



227, 196, 244



196, 244, 227

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.



155, 197, 221



227, 196, 244



160, 213, 156

Square

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



227, 196, 244



255, 201, 171



169, 216, 202



135, 182, 243

Rectangle

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



227, 196, 244



255, 188, 204



169, 216, 202



140, 184, 222

Sweetspot

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



227, 196, 244



250, 240, 255



196, 209, 244



124, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 196, 244



233, 194, 255



244, 196, 238



118, 110, 122



120, 0, 186



38, 0, 59

Inverse Universe

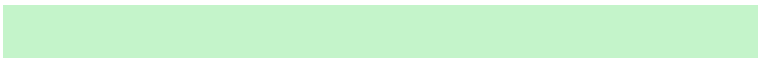
The Inverse Universe completely reimagines the original color for something new.



244, 196, 213



255, 194, 215



196, 239, 244



122, 110, 114



186, 0, 66



59, 0, 21

Previews

White Background



This preview shows how the RYB color 227, 196, 244 looks on a white background.

Color Contrast Check

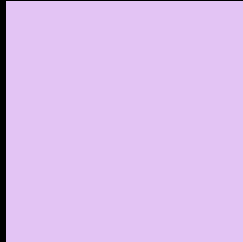
Large Text (above 18pt) WCAG AA × Fail

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 227, 196, 244 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 227, 196, 244 Background



This preview shows how black text looks on a background with the RYB color 227, 196, 244.

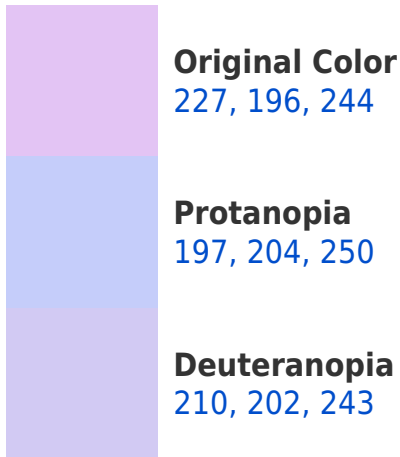


This preview shows how white text looks on a background with the RYB color 227, 196, 244.

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
223, 201, 217

Trichromacy



Original Color
227, 196, 244

Protanomaly
208, 202, 248

Deuteranomaly
216, 200, 243

Tritanomaly
224, 199, 227

Monochromacy



Original Color
227, 196, 244

Achromatopsia
211, 211, 211

Achromatomaly
217, 206, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 196, 244 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(227, 196, 244)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 244)  
}
```

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(227, 196, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 244) }
```

Border

The CSS property to change the border of an element to RYB 227, 196, 244 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(227, 196, 244) }
```

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

```
.border{ border-color:rgb(227, 196, 244) }
```

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

Here you see how a box with a 4 pixel rgb(227, 196, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 196, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 196, 244);  
box-shadow:4px 4px 4px 4px rgb(227, 196,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 227, 196, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 244) }
```

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

```
.background{ background-color: rgb(227,  
196, 244) }
```

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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