

Converting Colors

`RYB(227, 212, 248)`

Have a look what the booklet for
RYB(227, 212, 248) contains.

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Color

R_YB(227, 212, 248)

Conversions

Conversions Part 1

Format	Color
Hex	E3D4F8
RGB	227, 212, 248
RGB Percent	89%, 83%, 97%
CMY	0.1098, 0.1686, 0.0275
CMYK	0.08, 0.15, 0.00, 0.03
HSL	265°, 72%, 90%
HSV	265°, 15%, 97%
XYZ	72.1653, 70.1952, 98.5524
YIQ	220.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

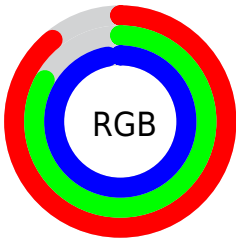
Format	Color
R_{YB}	227, 212, 248
Decimal	14931192
CIE _{Lab}	87.09, 11.78, -15.72
CIE _{LCh}	87, 19.641, 306.845
Yxy	70.1952, 0.2995, 0.2914
Android (android.graphics.Color)	4293121272 (0xFFE3D4F8)
YUV	220.5890, 13.5136, 5.6224
Hunter-Lab	83.7826, 7.1298, -11.0943

Details

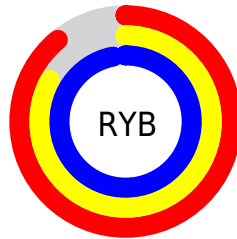
The RYB color **227, 212, 248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **212, 248, 227**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 157, 192** is the 20% darker color. If you saturate the color by 10%, you get **213, 187, 248**, and if you desaturate by 10%, it is **241, 237, 248**.

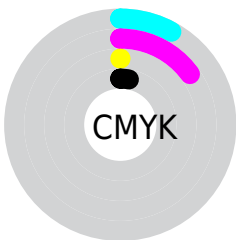
Distribution



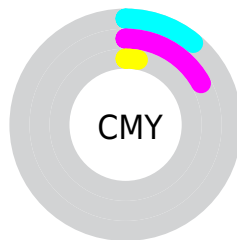
- Red (89%)
- Green (83%)
- Blue (97%)



- Red (89%)
- Yellow (83%)
- Blue (97%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 212, 248 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, 212, 248 by changing the saturation by 10% instead.

■ 227, 212, 248

255, 255, 255

■ 227, 212, 248

■ 199, 184, 219

■ 171, 157, 192

■ 145, 131, 164

■ 119, 106, 138

■ 94, 82, 113

■ 70, 59, 88


■ 47, 37, 65


■ 26, 17, 42

■ 0, 1, 22

 227, 212, 248


 227, 212, 248

 213, 187, 248


 241, 237, 248


 198, 162, 248


 248, 255, 248


 184, 138, 248


 169, 113, 248

 155, 88, 248

 140, 63, 248

 126, 38, 248

 111, 14, 248

 103, 0, 248

Harmonies

Analogous

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



203, 215, 255



227, 212, 248



246, 207, 233

Triad

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



227, 212, 248



246, 235, 184



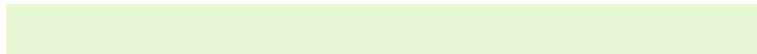
172, 202, 229

Complementary

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



227, 212, 248



212, 248, 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.



187, 216, 228



227, 212, 248



195, 229, 181

Square

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



227, 212, 248



255, 209, 197



188, 224, 205



170, 202, 240

Rectangle

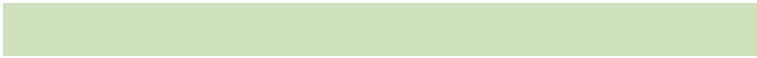
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 212, 248



254, 205, 221



188, 224, 205



176, 207, 229

Sweetspot

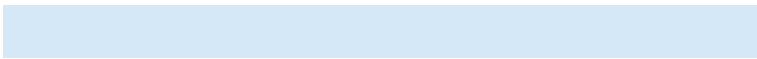
The Sweet Spot groups the original color and five complimentary colors.



227, 212, 248



249, 245, 255



212, 225, 248



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 212, 248



230, 212, 255



244, 212, 248



118, 112, 125



79, 0, 189



25, 0, 61

Inverse Universe

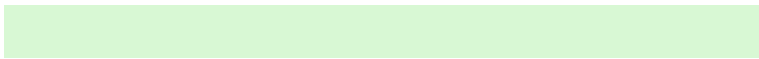
The Inverse Universe completely reimagines the original color for something new.



248, 212, 233



255, 212, 237



212, 248, 244



125, 112, 120



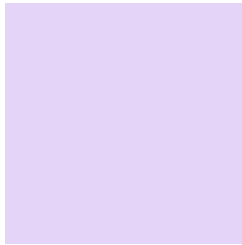
189, 0, 110



61, 0, 36

Previews

White Background



This preview shows how the RYB color 227, 212, 248 looks on a white background.

Color Contrast Check

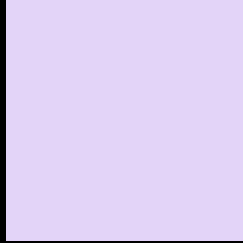
Large Text (above 18pt) WCAG AA × Fail

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, 212, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

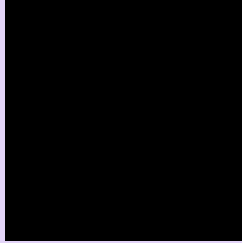
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

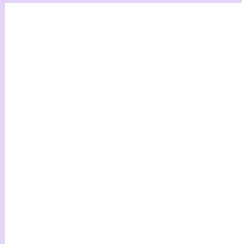
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 227, 212, 248 Background



This preview shows how black text looks on a background with the RYB color 227, 212, 248.



This preview shows how white text looks on a background with the RYB color 227, 212, 248.

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](#).

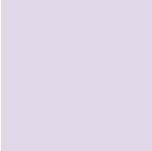
Dichromacy



Original Color
227, 212, 248

Protanopia
212, 216, 251

Deuteranopia
225, 213, 248



Tritanopia

224, 215, 232

Trichromacy



Original Color
227, 212, 248

Protanomaly
217, 215, 250

Deuteranomaly
226, 213, 248

Tritanomaly
225, 214, 238

Monochromacy



Original Color
227, 212, 248

Achromatopsia
221, 221, 221

Achromatomaly
223, 218, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 212, 248 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, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 248)  
}
```

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, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 248) }
```

Border

The CSS property to change the border of an element to RYB 227, 212, 248 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, 212, 248) }
```

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

```
.border{ border-color:rgb(227, 212, 248) }
```

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

Here you see how a box with a 4 pixel rgb(227, 212, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 248);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 227, 212, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 248) }
```

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

```
.background{ background-color: rgb(227,  
212, 248) }
```

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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