

Converting Colors

`RYB(227, 221, 251)`

Have a look what the booklet for
RYB(227, 221, 251) contains.

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Color

R_YB(227, 221, 251)

Conversions

Conversions Part 1

Format	Color
Hex	E3DDFB
RGB	227, 221, 251
RGB Percent	89%, 87%, 98%
CMY	0.1098, 0.1333, 0.0157
CMYK	0.10, 0.12, 0.00, 0.02
HSL	252°, 79%, 93%
HSV	252°, 12%, 98%
XYZ	74.9476, 75.0088, 101.7948
YIQ	226.2140, -6.0540, 10.6020

Conversions

Conversions Part 2

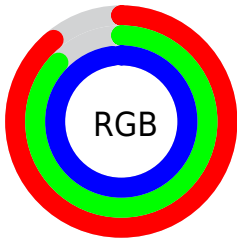
Format	Color
R _Y B	227, 221, 251
Decimal	14933499
CIE Lab	89.40, 7.63, -13.84
CIE LCh	89, 15.808, 298.870
Yxy	75.0088, 0.2977, 0.2979
Android (android.graphics.Color)	4293123579 (0xFFE3DDFB)
YUV	226.2140, 12.2195, 0.6893
Hunter-Lab	86.6076, 2.9051, -9.0615

Details

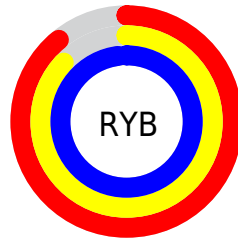
The RYB color `227, 221, 251` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `221, 251, 227`, and the grayscale version is `226, 226, 226`.

A 20% lighter version of the original color is `255, 255, 255`, and `172, 166, 194` is the 20% darker color. If you saturate the color by 10%, you get `207, 196, 251`, and if you desaturate by 10%, it is `247, 246, 251`.

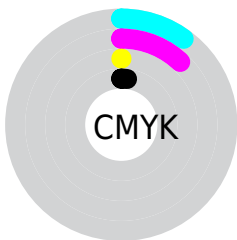
Distribution



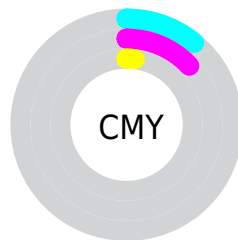
- Red (89%)
- Green (87%)
- Blue (98%)



- Red (89%)
- Yellow (87%)
- Blue (98%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 221, 251 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, 221, 251 by changing the saturation by 10% instead.

■ 227, 221, 251

255, 255, 255

■ 227, 221, 251

■ 199, 193, 222

■ 172, 166, 194

■ 145, 140, 167

■ 119, 114, 141

■ 94, 90, 115

■ 70, 66, 91

■ 48, 44, 67

■ 26, 24, 45

■ 0, 0, 25

■ 227, 221, 251

■ 227, 221, 251

■ 207, 196, 251

■ 247, 246, 251

■ 187, 171, 251

■ 251, 255, 251

■ 167, 146, 251

■ 147, 121, 251

■ 127, 96, 251

■ 107, 70, 251

■ 86, 45, 251

■ 66, 20, 251

■ 50, 0, 251

Harmonies

Analogous

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



208, 221, 254



227, 221, 251



244, 217, 240

Triad

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



227, 221, 251



251, 232, 199



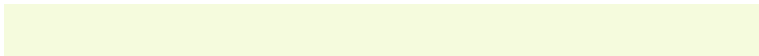
191, 216, 234

Complementary

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



227, 221, 251



221, 251, 227

Split Complementary

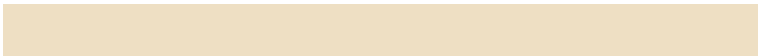
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



204, 228, 232



227, 221, 251



218, 238, 195

Square

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



227, 221, 251



255, 215, 211



198, 228, 205



186, 211, 239

Rectangle

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



227, 221, 251



252, 215, 231



198, 228, 205



194, 218, 233

Sweetspot

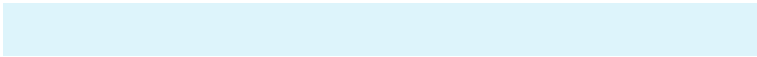
The Sweet Spot groups the original color and five complimentary colors.



227, 221, 251



247, 245, 255



221, 234, 251



122, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 221, 251



226, 219, 255



242, 221, 251



115, 112, 125



38, 0, 189



12, 0, 61

Inverse Universe

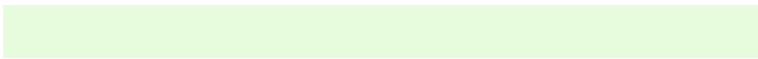
The Inverse Universe completely reimagines the original color for something new.



251, 221, 245



255, 219, 248



221, 251, 241



125, 112, 122



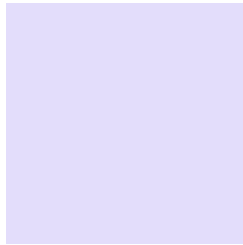
189, 0, 151



61, 0, 49

Previews

White Background



This preview shows how the RYB color 227, 221, 251 looks on a white background.

Color Contrast Check

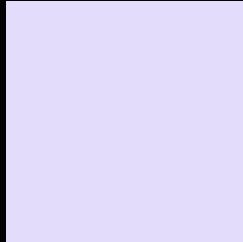
Large Text (above 18pt) WCAG AA × Fail

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, 221, 251 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](#).

RYP 227, 221, 251 Background



This preview shows how black text looks on a background with the RYP color 227, 221, 251.

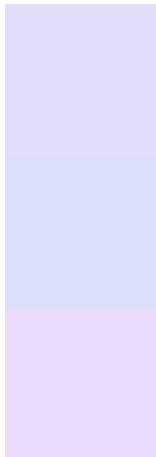


This preview shows how white text looks on a background with the RYP color 227, 221, 251.

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, 221, 251

Protanopia
220, 223, 252

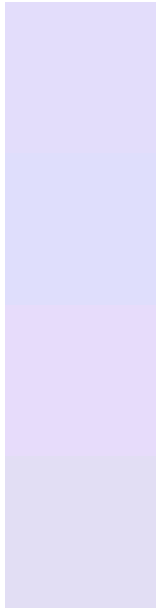
Deuteranopia
234, 219, 251



Tritanopia

225, 223, 240

Trichromacy



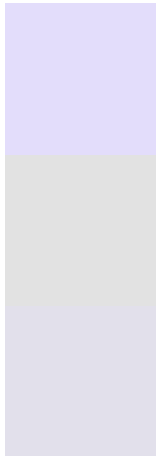
Original Color
227, 221, 251

Protanomaly
223, 222, 252

Deuteranomaly
231, 220, 251

Tritanomaly
226, 222, 244

Monochromacy



Original Color
227, 221, 251

Achromatopsia
226, 226, 226

Achromatomaly
226, 224, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 221, 251 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, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(227, 221, 251)  
}
```

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, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 221, 251) }
```

Border

The CSS property to change the border of an element to RYB 227, 221, 251 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, 221, 251) }
```

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

```
.border{ border-color:rgb(227, 221, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 221, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 221, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 221, 251);  
box-shadow:4px 4px 4px 4px rgb(227, 221,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 227, 221, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 221, 251) }
```

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

```
.background{ background-color: rgb(227,  
221, 251) }
```

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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