

Converting Colors

RYB(226, 227, 248)

Have a look what the booklet for RYB(226, 227, 248) contains.

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Color

R_YB(226, 227, 248)

Conversions

Conversions Part 1

Format	Color
Hex	E2E3F8
RGB	226, 227, 248
RGB Percent	89%, 89%, 97%
CMY	0.1137, 0.1096, 0.0275
CMYK	0.09, 0.08, 0.00, 0.03
HSL	237°, 61%, 93%
HSV	237°, 9%, 97%
XYZ	75.7894, 77.9103, 99.8506
YIQ	229.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

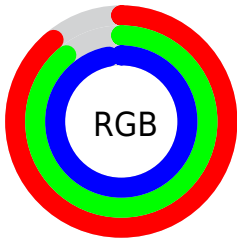
Format	Color
R _Y B	226, 227, 248
Decimal	14869496
CIE Lab	90.74, 3.57, -10.28
CIE LCh	91, 10.880, 289.165
Yxy	77.9103, 0.2989, 0.3073
Android (android.graphics.Color)	4293059576 (0xFFE2E3F8)
YUV	229.0950, 9.3202, -2.7143
Hunter-Lab	88.2668, -1.1996, -5.2842

Details

The RYB color **226, 227, 248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 248, 226**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 172, 192** is the 20% darker color. If you saturate the color by 10%, you get **201, 203, 248**, and if you desaturate by 10%, it is **248, 251, 248**.

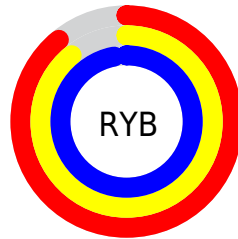
Distribution



Red (89%)

Green (89%)

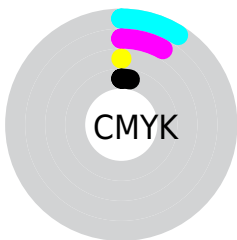
Blue (97%)



Red (89%)

Yellow (89%)

Blue (97%)

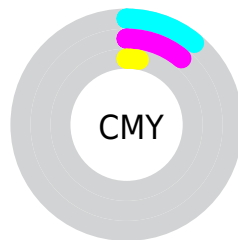


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (11%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 227, 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 226, 227, 248 by changing the saturation by 10% instead.

■ 226, 227, 248

255, 255, 255

■ 226, 227, 248

■ 198, 199, 219

■ 171, 172, 192

■ 144, 145, 165

■ 118, 120, 138

■ 94, 95, 113

■ 70, 71, 88

■ 47, 49, 65

■ 26, 28, 43

■ 0, 1, 23

■ 226, 227, 248

■ 226, 227, 248

■ 201, 203, 248

■ 248, 251, 248

■ 176, 180, 248

■ 248, 255, 248

■ 152, 156, 248

■ 127, 133, 248

■ 102, 109, 248

■ 77, 85, 248

■ 52, 62, 248

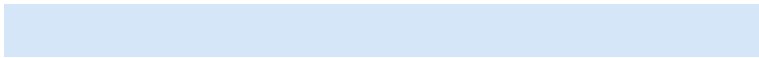
■ 28, 38, 248

■ 3, 14, 248

Harmonies

Analogous

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



214, 225, 249



226, 227, 248



239, 224, 242

Triad

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



226, 227, 248



249, 227, 213



208, 225, 235

Complementary

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



226, 227, 248



227, 248, 226

Split Complementary

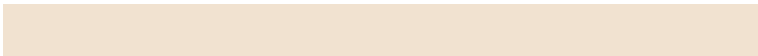
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215, 233, 230



226, 227, 248



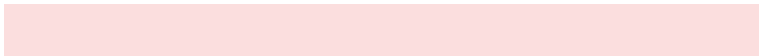
236, 241, 208

Square

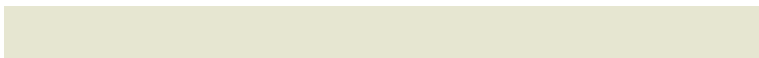
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226, 227, 248



251, 222, 222



209, 230, 209



203, 219, 235

Rectangle

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



226, 227, 248



245, 222, 236



209, 230, 209



211, 227, 234

Sweetspot

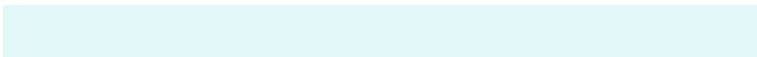
The Sweet Spot groups the original color and five complimentary colors.



226, 227, 248



247, 248, 255



226, 237, 248



122, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 227, 248



227, 228, 255



236, 226, 248



112, 113, 125



0, 9, 189



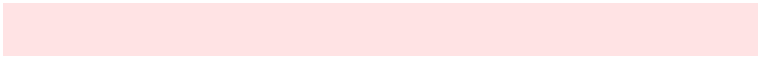
0, 3, 61

Inverse Universe

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



248, 226, 227



255, 227, 228



226, 248, 236



125, 112, 113



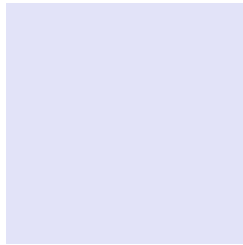
189, 0, 9



61, 0, 3

Previews

White Background



This preview shows how the RYB color 226, 227, 248 looks on a white background.

Color Contrast Check

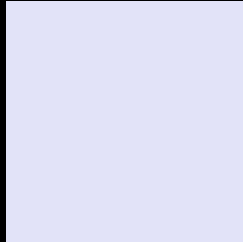
Large Text (above 18pt) WCAG AA × Fail

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 226, 227, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

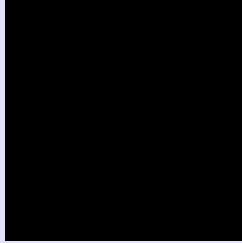
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

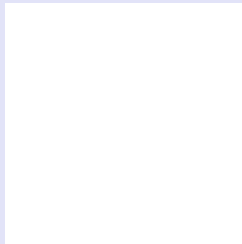
Any Text WCAG AAA ✓ Pass

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

RYB 226, 227, 248 Background



This preview shows how black text looks on a background with the RYB color 226, 227, 248.



This preview shows how white text looks on a background with the RYB color 226, 227, 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

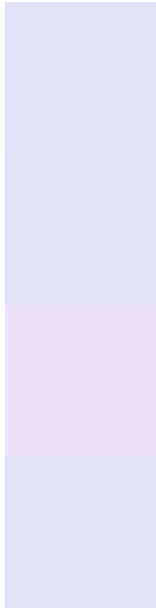
	Original Color 226, 227, 248
	Protanopia 227, 227, 248
	Deuteranopia 241, 222, 249



Tritanopia

226, 227, 245

Trichromacy



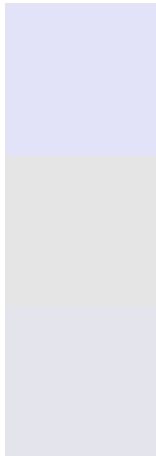
Original Color
226, 227, 248

Protanomaly
227, 227, 248

Deuteranomaly
236, 224, 249

Tritanomaly
226, 227, 246

Monochromacy



Original Color
226, 227, 248

Achromatopsia
229, 229, 229

Achromatomaly
228, 228, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 227, 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(226, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 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(226, 227, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 248) }
```

Border

The CSS property to change the border of an element to RYB 226, 227, 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(226, 227, 248) }
```

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

```
.border{ border-color:rgb(226, 227, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 248);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 226, 227, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 248) }
```

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

```
.background{ background-color: rgb(226,  
227, 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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