

Converting Colors

`RYB(217, 226, 245)`

Have a look what the booklet for RYB(217, 226, 245) contains.

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Color

RYB(217, 226, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D9E6F5
RGB	217, 230, 245
RGB Percent	85%, 90%, 96%
CMY	0.1490, 0.0970, 0.0392
CMYK	0.11, 0.06, 0.00, 0.04
HSL	212°, 58%, 91%
HSV	212°, 11%, 96%
XYZ	73.4668, 78.0845, 97.5859
YIQ	227.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

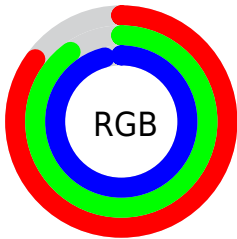
Format	Color
R _Y B	217, 226, 245
Decimal	14280437
CIE Lab	90.82, -1.56, -8.66
CIE LCh	91, 8.798, 259.810
Yxy	78.0845, 0.2949, 0.3134
Android (android.graphics.Color)	4292470517 (0xFFD9E6F5)
YUV	227.8230, 8.4683, -9.4918
Hunter-Lab	88.3654, -6.2350, -3.6208

Details

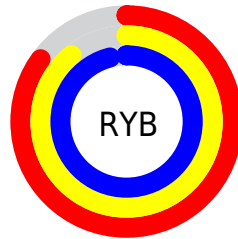
The RYB color **217, 226, 245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **241, 245, 217**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 171, 189** is the 20% darker color. If you saturate the color by 10%, you get **193, 209, 245**, and if you desaturate by 10%, it is **242, 243, 245**.

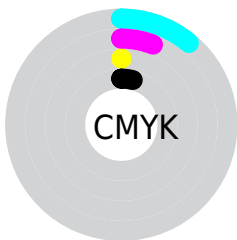
Distribution



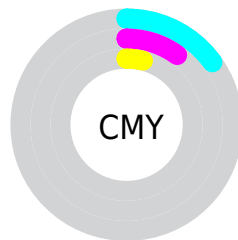
- Red (85%)
- Green (90%)
- Blue (96%)



- Red (85%)
- Yellow (89%)
- Blue (96%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 226, 245 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 217, 226, 245 by changing the saturation by 10% instead.

■ 217, 226, 245

255, 255, 255

■ 217, 226, 245

■ 189, 198, 217

■ 162, 171, 189

■ 136, 144, 162

■ 110, 118, 136

■ 86, 94, 110

■ 62, 70, 86

■ 40, 47, 63

■ 19, 26, 41

■ 0, 4, 21

■ 217, 226, 245

■ 217, 226, 245

■ 193, 209, 245

■ 242, 243, 245

■ 168, 193, 245

■ 245, 255, 245

■ 143, 176, 245

■ 119, 160, 245

■ 94, 143, 245

■ 70, 126, 245

■ 46, 110, 245

■ 21, 93, 245

■ 0, 79, 245

Harmonies

Analogous

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



210, 223, 241



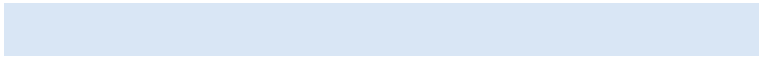
217, 226, 245



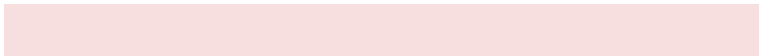
227, 227, 244

Triad

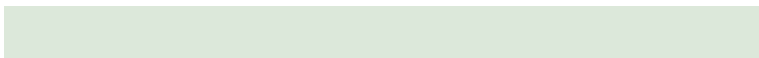
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 226, 245



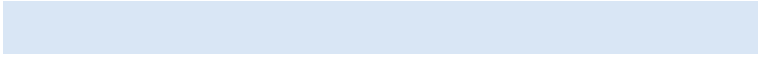
247, 223, 223



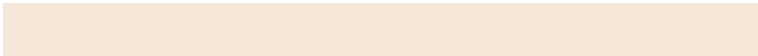
218, 232, 230

Complementary

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



217, 226, 245



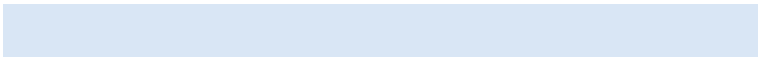
241, 245, 217

Split Complementary

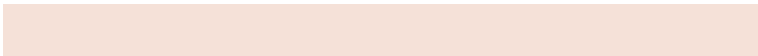
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213, 230, 213



217, 226, 245



245, 229, 216

Square

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



217, 226, 245



244, 223, 232



234, 239, 212



212, 226, 234

Rectangle

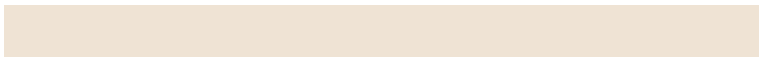
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217, 226, 245



234, 226, 242



234, 239, 212



216, 232, 225

Sweetspot

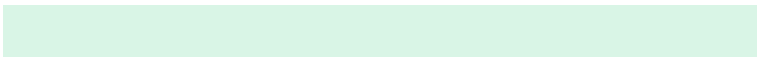
The Sweet Spot groups the original color and five complimentary colors.



217, 226, 245



247, 250, 255



217, 236, 245



122, 124, 128



0, 0, 0



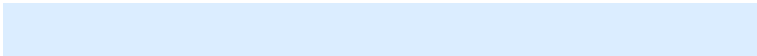
128, 128, 128

Same Dimension

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



217, 226, 245



219, 231, 255



217, 217, 245



110, 114, 122



0, 60, 186



0, 19, 59

Inverse Universe

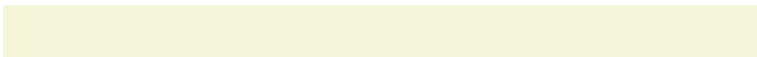
The Inverse Universe completely reimagines the original color for something new.



245, 217, 230



255, 219, 236



217, 245, 217



122, 110, 116



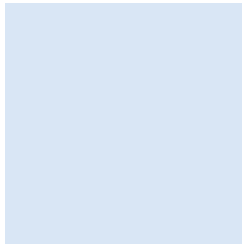
186, 0, 88



59, 0, 28

Previews

White Background



This preview shows how the RYB color 217, 226, 245 looks on a white background.

Color Contrast Check

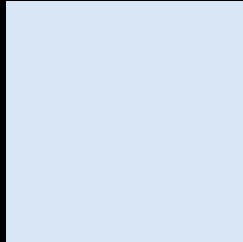
Large Text (above 18pt) WCAG AA × Fail

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 217, 226, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

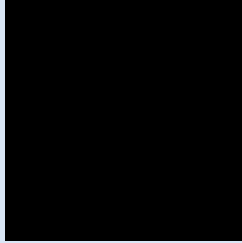
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

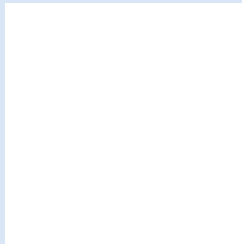
Any Text WCAG AAA ✓ Pass

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

RYB 217, 226, 245 Background



This preview shows how black text looks on a background with the RYB color 217, 226, 245.



This preview shows how white text looks on a background with the RYB color 217, 226, 245.

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](#).

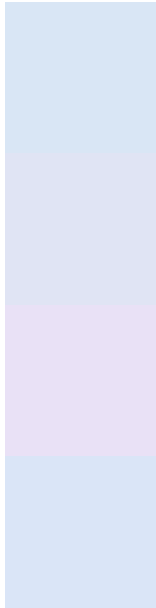
Dichromacy





Tritanopia
218, 227, 248

Trichromacy



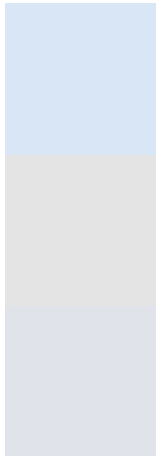
Original Color
217, 226, 245

Protanomaly
224, 227, 244

Deuteranomaly
233, 225, 246

Tritanomaly
218, 226, 247

Monochromacy



Original Color
217, 226, 245

Achromatopsia
228, 228, 228

Achromatomaly
224, 227, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 226, 245 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(217, 230, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 230, 245)  
}
```

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(217, 230, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 230, 245) }
```

Border

The CSS property to change the border of an element to RYB 217, 226, 245 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(217, 230, 245) }
```

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

```
.border{ border-color:rgb(217, 230, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 230, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 230, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 230, 245);  
box-shadow:4px 4px 4px 4px rgb(217, 230,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 217, 226, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 230, 245) }
```

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

```
.background{ background-color: rgb(217,  
230, 245) }
```

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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