

Converting Colors

`RYB(215, 227, 248)`

Have a look what the booklet for
RYB(215, 227, 248) contains.

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Color

$\text{RYB}(215, 227, 248)$

Conversions

Conversions Part 1

Format	Color
Hex	D7EAF8
RGB	215, 234, 248
RGB Percent	84%, 92%, 97%
CMY	0.1569, 0.0829, 0.0275
CMYK	0.13, 0.06, 0.00, 0.03
HSL	206°, 70%, 91%
HSV	206°, 13%, 97%
XYZ	74.3498, 79.9887, 100.3276
YIQ	229.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

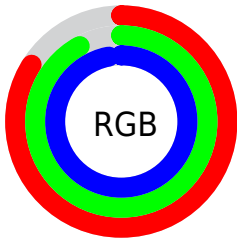
Format	Color
R _{YB}	215, 227, 248
Decimal	14150392
CIE Lab	91.68, -3.44, -8.96
CIE LCh	92, 9.600, 249.014
Yxy	79.9887, 0.2919, 0.3141
Android (android.graphics.Color)	4292340472 (0xFFD7EAF8)
YUV	229.9150, 8.9159, -13.0805
Hunter-Lab	89.4364, -8.1241, -3.9046

Details

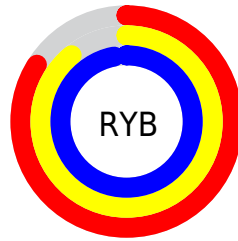
The RYB color **215, 227, 248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **248, 239, 215**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **160, 172, 192** is the 20% darker color. If you saturate the color by 10%, you get **190, 211, 248**, and if you desaturate by 10%, it is **240, 243, 248**.

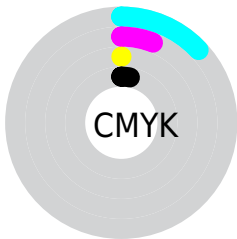
Distribution



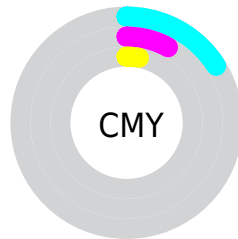
- Red (84%)
- Green (92%)
- Blue (97%)



- Red (84%)
- Yellow (89%)
- Blue (97%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 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 215, 227, 248 by changing the saturation by 10% instead.

■ 215, 227, 248

255, 255, 255

■ 215, 227, 248

■ 187, 199, 219

■ 160, 172, 192

■ 134, 145, 165

■ 108, 119, 138

■ 84, 95, 113

■ 60, 71, 88

■ 37, 48, 65

■ 16, 26, 43

■ 0, 7, 23

 215, 227, 248


 215, 227, 248


 190, 211, 248


 240, 243, 248


 165, 195, 248


 248, 255, 248


 141, 180, 248


 116, 164, 248

 91, 148, 248

 66, 132, 248

 41, 116, 248

 17, 101, 248

 0, 90, 248

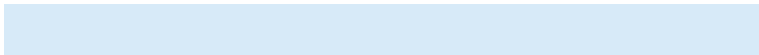
Harmonies

Analogous

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



209, 224, 242



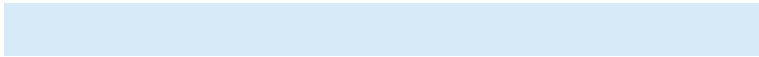
215, 227, 248



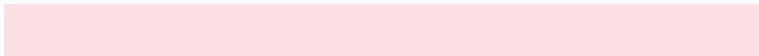
225, 230, 249

Triad

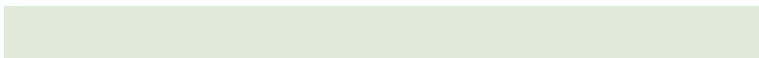
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 227, 248



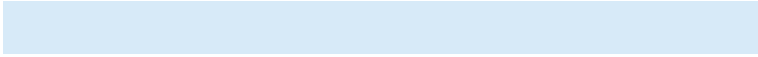
251, 225, 229



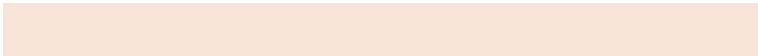
217, 234, 226

Complementary

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



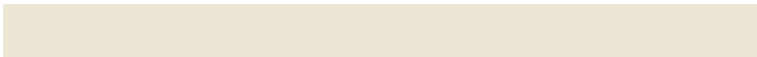
215, 227, 248



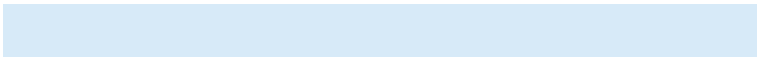
248, 239, 215

Split Complementary

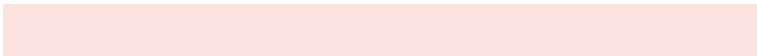
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 236, 213



215, 227, 248



251, 227, 220

Square

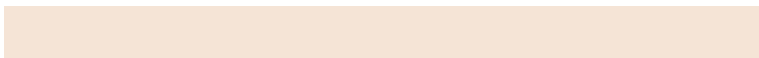
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 227, 248



246, 226, 238



245, 240, 214



216, 230, 236

Rectangle

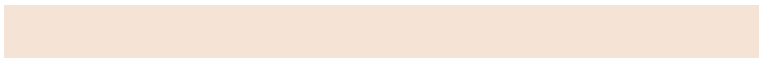
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215, 227, 248



233, 229, 247



245, 240, 214



215, 233, 219

Sweetspot

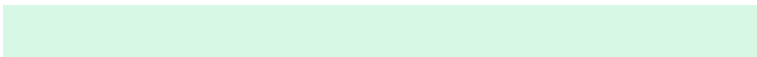
The Sweet Spot groups the original color and five complimentary colors.



215, 227, 248



245, 249, 255



215, 238, 248



121, 124, 128



0, 0, 0



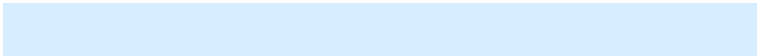
128, 128, 128

Same Dimension

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



215, 227, 248



214, 229, 255



215, 218, 248



112, 117, 125



0, 69, 189



0, 22, 61

Inverse Universe

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



248, 215, 234



255, 214, 238



218, 248, 215



125, 112, 120



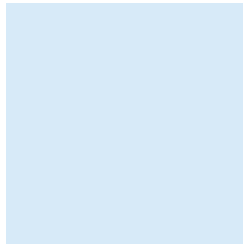
189, 0, 108



61, 0, 35

Previews

White Background



This preview shows how the RYB color 215, 227, 248 looks on a white background.

Color Contrast Check

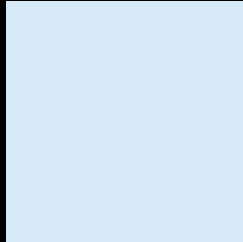
Large Text (above 18pt) WCAG AA × Fail

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 215, 227, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

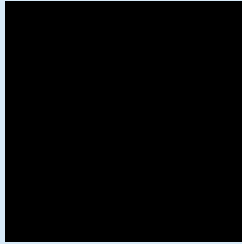
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

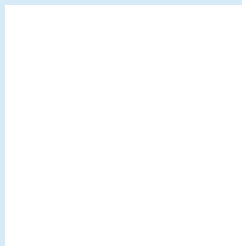
Any Text WCAG AAA ✓ Pass

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

RYB 215, 227, 248 Background



This preview shows how black text looks on a background with the RYB color 215, 227, 248.



This preview shows how white text looks on a background with the RYB color 215, 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





Tritanopia
216, 228, 252

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 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(215, 234, 248)` looks like.

```
.text, #text, p{  
    color:rgb(215, 234, 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(215, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 234, 248) }
```

Border

The CSS property to change the border of an element to RYB 215, 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(215, 234, 248) }
```

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

```
.border{ border-color:rgb(215, 234, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 234, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(215, 234,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 215, 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(215, 234, 248) }
```

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

```
.background{ background-color: rgb(215,  
234, 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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