

Converting Colors

`RYB(215, 229, 241)`

Have a look what the booklet for
RYB(215, 229, 241) contains.

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Color

R_YB(215, 229, 241)

Conversions

Conversions Part 1

Format	Color
Hex	D7F1ED
RGB	215, 241, 237
RGB Percent	84%, 95%, 93%
CMY	0.1569, 0.0549, 0.0695
CMYK	0.11, 0.00, 0.02, 0.05
HSL	171°, 48%, 89%
HSV	171°, 11%, 95%
XYZ	74.8075, 83.4888, 92.5120
YIQ	232.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

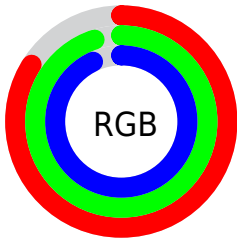
Format	Color
R _Y B	215, 229, 241
Decimal	14152173
CIE Lab	93.23, -9.17, -1.10
CIE LCh	93, 9.234, 186.861
Yxy	83.4888, 0.2983, 0.3329
Android (android.graphics.Color)	4292342253 (0xFFD7F1ED)
YUV	232.7700, 2.0854, -15.5843
Hunter-Lab	91.3722, -13.7614, 3.9310

Details

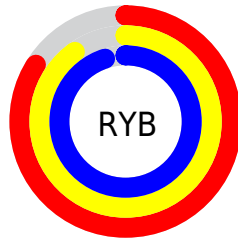
The RYB color **215, 229, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **241, 215, 219**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 174, 185** is the 20% darker color. If you saturate the color by 10%, you get **191, 218, 241**, and if you desaturate by 10%, it is **239, 240, 241**.

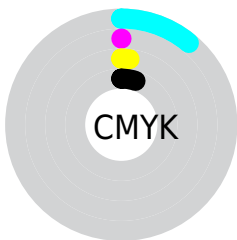
Distribution



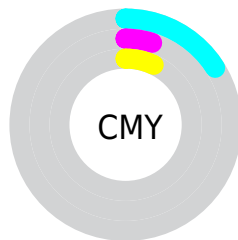
- Red (84%)
- Green (95%)
- Blue (93%)



- Red (84%)
- Yellow (90%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 229, 241 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, 229, 241 by changing the saturation by 10% instead.

■ 215, 229, 241

255, 255, 255

■ 215, 229, 241

■ 187, 201, 213

■ 160, 174, 185

■ 134, 147, 158

■ 108, 121, 132

■ 84, 96, 107

■ 60, 72, 82


■ 38, 49, 59

■ 17, 28, 38

■ 0, 9, 17

 215, 229, 241

 215, 229, 241

 191, 218, 241

 239, 240, 241

 167, 207, 241


 255, 241, 244

 143, 196, 241


 255, 241, 248


 119, 185, 241


 255, 241, 251


 95, 174, 241

 255, 241, 255

 70, 162, 241

 46, 151, 241

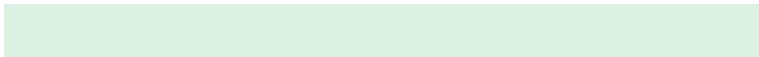
 22, 140, 241

 0, 130, 241

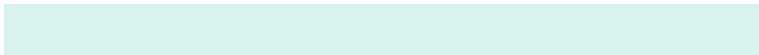
Harmonies

Analogous

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



221, 235, 240



215, 229, 241



214, 228, 246

Triad

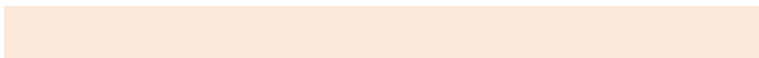
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 229, 241



240, 233, 250



250, 245, 219

Complementary

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



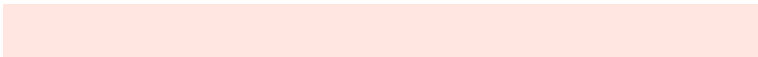
215, 229, 241



241, 215, 219

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.



255, 231, 225



215, 229, 241



249, 230, 243

Square

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



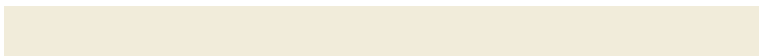
215, 229, 241



229, 234, 253



255, 230, 234



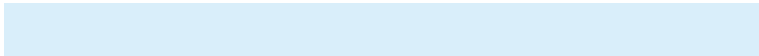
224, 241, 218

Rectangle

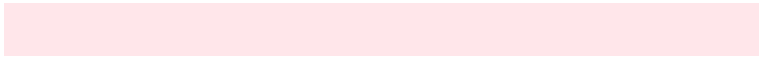
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



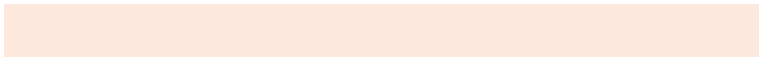
215, 229, 241



217, 230, 250



255, 230, 234



252, 238, 221

Sweetspot

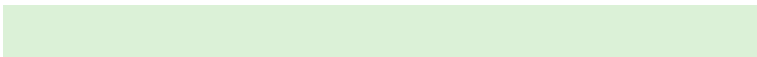
The Sweet Spot groups the original color and five complimentary colors.



215, 229, 241



247, 251, 255



215, 241, 237



122, 125, 128



0, 0, 0



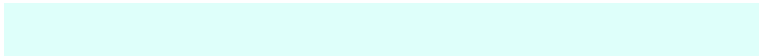
128, 128, 128

Same Dimension

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



215, 229, 241



222, 240, 255



215, 225, 241



108, 115, 120



0, 99, 184



0, 30, 56

Inverse Universe

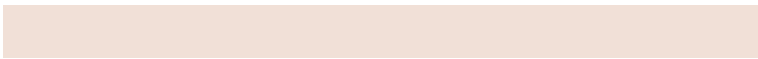
The Inverse Universe completely reimagines the original color for something new.



241, 215, 219



255, 222, 227



241, 229, 215



120, 108, 110



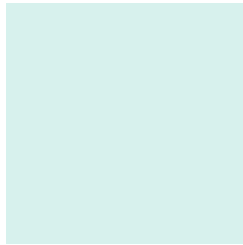
184, 0, 26



56, 0, 8

Previews

White Background



This preview shows how the RYB color 215, 229, 241 looks on a white background.

Color Contrast Check

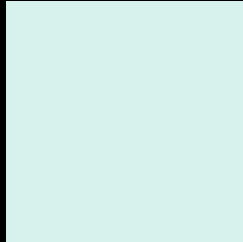
Large Text (above 18pt) WCAG AA × Fail

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, 229, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

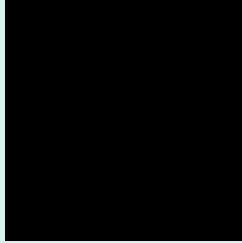
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

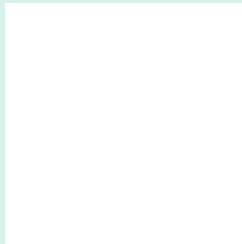
Any Text WCAG AAA ✓ Pass

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

RYB 215, 229, 241 Background



This preview shows how black text looks on a background with the RYB color 215, 229, 241.



This preview shows how white text looks on a background with the RYB color 215, 229, 241.

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

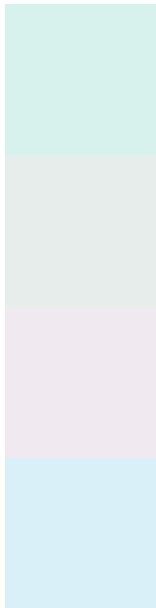




Tritanopia

220, 232, 255

Trichromacy



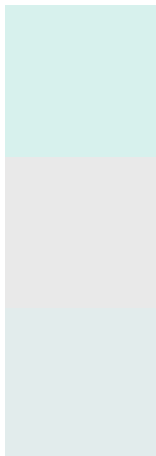
Original Color
215, 229, 241

Protanomaly
231, 235, 237

Deuteranomaly
240, 233, 239

Tritanomaly
218, 231, 249

Monochromacy



Original Color
215, 229, 241

Achromatopsia
233, 233, 233

Achromatomaly
226, 231, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 229, 241 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, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(215, 241, 237)  
}
```

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, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 241, 237) }
```

Border

The CSS property to change the border of an element to RYB 215, 229, 241 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, 241, 237) }
```

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

```
.border{ border-color:rgb(215, 241, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 241, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 241, 237); box-shadow:4px 4px 4px 4px rgb(215, 241, 237) }
```

Background

The CSS property to change the background color of an element to RYB 215, 229, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 241, 237) }
```

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

```
.background{ background-color: rgb(215,  
241, 237) }
```

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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