

Converting Colors

`RYB(215, 227, 243)`

Have a look what the booklet for RYB(215, 227, 243) contains.

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Color

RYB(215, 227, 243)

Conversions

Conversions Part 1

Format	Color
Hex	D7ECF3
RGB	215, 236, 243
RGB Percent	84%, 93%, 95%
CMY	0.1569, 0.0745, 0.0471
CMYK	0.12, 0.03, 0.00, 0.05
HSL	195°, 54%, 90%
HSV	195°, 12%, 95%
XYZ	74.1974, 80.9090, 96.5004
YIQ	230.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

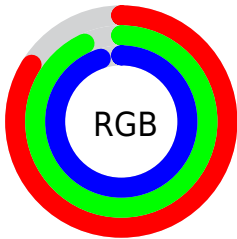
Format	Color
R _Y B	215, 227, 243
Decimal	14150899
CIE Lab	92.09, -5.53, -5.75
CIE LCh	92, 7.973, 226.122
Yxy	80.9090, 0.2949, 0.3216
Android (android.graphics.Color)	4292340979 (0xFFD7ECF3)
YUV	230.5190, 6.1531, -13.6102
Hunter-Lab	89.9495, -10.1706, -0.6434

Details

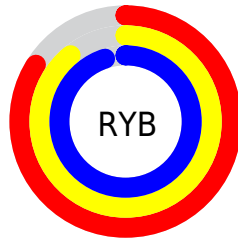
The RYB color **215, 227, 243** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 224, 215**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **160, 171, 187** is the 20% darker color. If you saturate the color by 10%, you get **191, 213, 243**, and if you desaturate by 10%, it is **239, 241, 243**.

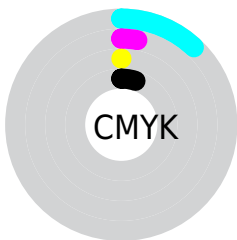
Distribution



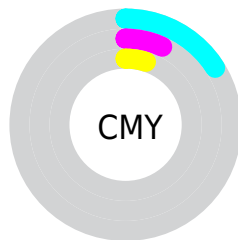
- Red (84%)
- Green (93%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 227, 243 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, 243 by changing the saturation by 10% instead.

■ 215, 227, 243

255, 255, 255

■ 215, 227, 243

■ 187, 199, 215

■ 160, 171, 187

■ 134, 145, 160

■ 108, 119, 134

■ 84, 94, 109

■ 60, 70, 84


■ 38, 48, 61

■ 17, 27, 39

■ 0, 7, 19

 215, 227, 243


 215, 227, 243

 191, 213, 243


 239, 241, 243

 166, 199, 243


 255, 252, 243


 142, 185, 243


 244, 255, 243


 118, 172, 243


 243, 255, 243

 93, 157, 243

 69, 144, 243

 45, 130, 243

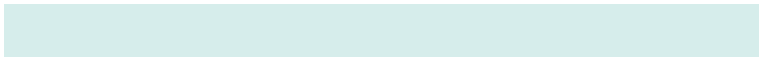
 21, 116, 243

 0, 104, 243

Harmonies

Analogous

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



214, 226, 237



215, 227, 243



221, 230, 247

Triad

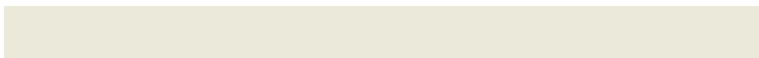
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 227, 243



246, 228, 236



219, 234, 218

Complementary

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



215, 227, 243



243, 224, 215

Split Complementary

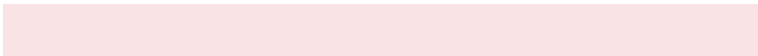
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 243, 218



215, 227, 243



249, 227, 228

Square

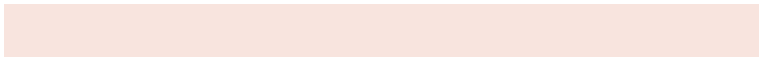
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 227, 243



239, 229, 243



248, 230, 222



222, 235, 232

Rectangle

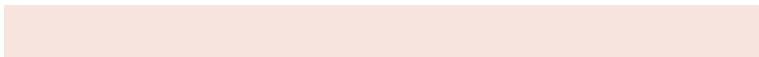
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



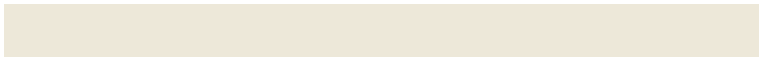
215, 227, 243



226, 231, 247



248, 230, 222



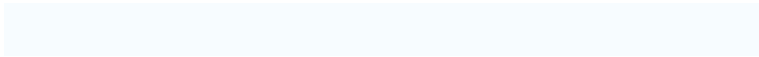
224, 237, 217

Sweetspot

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



215, 227, 243



247, 250, 255



215, 237, 243



122, 124, 128



0, 0, 0



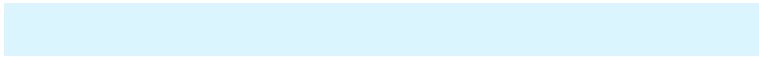
128, 128, 128

Same Dimension

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



215, 227, 243



219, 234, 255



215, 221, 243



110, 115, 122



0, 80, 186



0, 25, 59

Inverse Universe

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



243, 215, 236



255, 219, 246



224, 243, 215



122, 110, 119



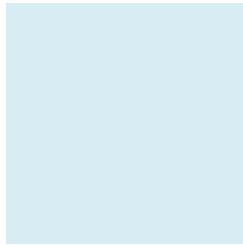
186, 0, 140



59, 0, 44

Previews

White Background



This preview shows how the RYB color 215, 227, 243 looks on a white background.

Color Contrast Check

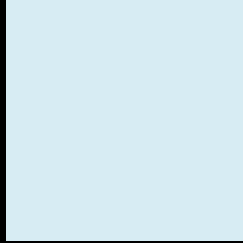
Large Text (above 18pt) WCAG AA × Fail

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, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

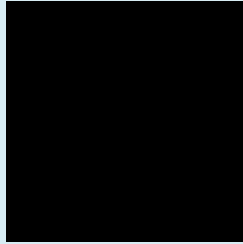
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

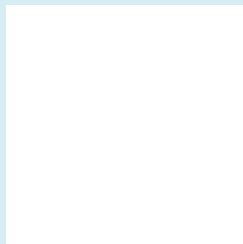
Any Text WCAG AAA ✓ Pass

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

RYB 215, 227, 243 Background



This preview shows how black text looks on a background with the RYB color 215, 227, 243.



This preview shows how white text looks on a background with the RYB color 215, 227, 243.

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](#).

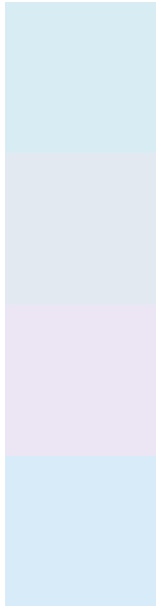
Dichromacy





Tritanopia
217, 229, 253

Trichromacy



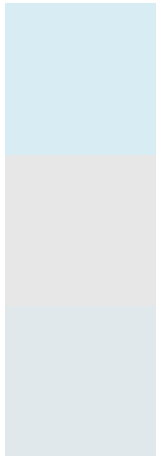
Original Color
215, 227, 243

Protanomaly
227, 231, 241

Deuteranomaly
236, 229, 244

Tritanomaly
216, 228, 249

Monochromacy



Original Color
215, 227, 243

Achromatopsia
231, 231, 231

Achromatomaly
225, 229, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 227, 243 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, 236, 243) looks like.

```
.text, #text, p{  
    color:rgb(215, 236, 243)  
}
```

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, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 236, 243) }
```

Border

The CSS property to change the border of an element to RYB 215, 227, 243 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, 236, 243) }
```

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

```
.border{ border-color:rgb(215, 236, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 236, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 236, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 236, 243);  
box-shadow:4px 4px 4px 4px rgb(215, 236,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 215, 227, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 236, 243) }
```

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

```
.background{ background-color: rgb(215,  
236, 243) }
```

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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