

Converting Colors

`RYB(215, 228, 243)`

Have a look what the booklet for
RYB(215, 228, 243) contains.

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Color

R_YB(215, 228, 243)

Conversions

Conversions Part 1

Format	Color
Hex	D7EFF3
RGB	215, 239, 243
RGB Percent	84%, 94%, 95%
CMY	0.1569, 0.0617, 0.0471
CMYK	0.12, 0.02, 0.00, 0.05
HSL	188°, 54%, 90%
HSV	188°, 12%, 95%
XYZ	75.1466, 82.8074, 96.8168
YIQ	232.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

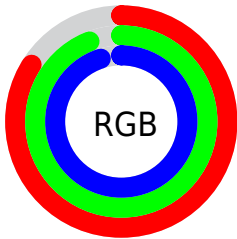
Format	Color
R_{YB}	215, 228, 243
Decimal	14151667
CIE _{Lab}	92.93, -7.19, -4.51
CIE _{LCh}	93, 8.485, 212.112
Yxy	82.8074, 0.2950, 0.3250
Android (android.graphics.Color)	4292341747 (0xFFD7EFF3)
YUV	232.2800, 5.2850, -15.1546
Hunter-Lab	90.9986, -11.8422, 0.6181

Details

The RYB color **215, 228, 243** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 220, 215**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 172, 187** is the 20% darker color. If you saturate the color by 10%, you get **191, 215, 243**, and if you desaturate by 10%, it is **239, 241, 243**.

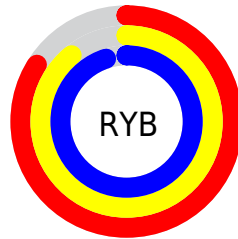
Distribution



Red (84%)

Green (94%)

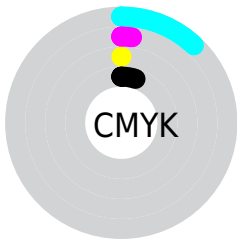
Blue (95%)



Red (84%)

Yellow (89%)

Blue (95%)

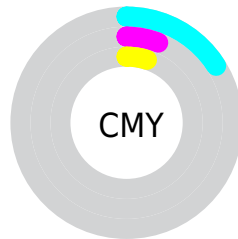


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (16%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 228, 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, 228, 243 by changing the saturation by 10% instead.

■ 215, 228, 243

255, 255, 255

■ 215, 228, 243

■ 187, 200, 215

■ 160, 172, 187

■ 134, 146, 160

■ 108, 120, 134

■ 84, 95, 109

■ 60, 71, 84


■ 38, 49, 61

■ 16, 27, 39

■ 0, 9, 19

 215, 228, 243


 215, 228, 243

 191, 215, 243

 239, 241, 243

 166, 202, 243


 255, 247, 243

 142, 189, 243


 255, 255, 243


 118, 176, 243


 247, 255, 243


 93, 163, 243

 243, 255, 243

 69, 150, 243

 45, 137, 243

 21, 124, 243

 0, 113, 243

Harmonies

Analogous

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



216, 229, 240



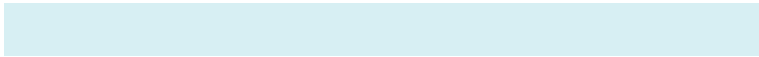
215, 228, 243



219, 231, 249

Triad

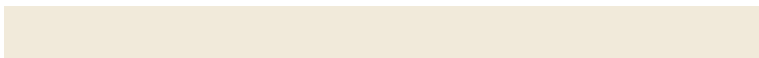
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 228, 243



246, 230, 242



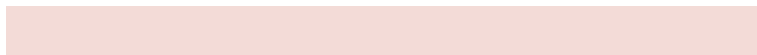
228, 241, 218

Complementary

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



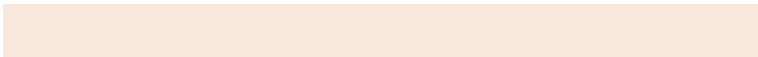
215, 228, 243



243, 220, 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.



249, 239, 221



215, 228, 243



252, 229, 234

Square

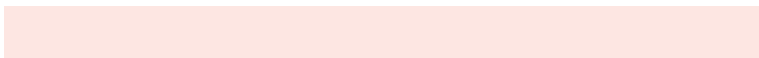
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 228, 243



237, 232, 248



253, 231, 226



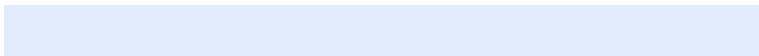
221, 237, 226

Rectangle

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



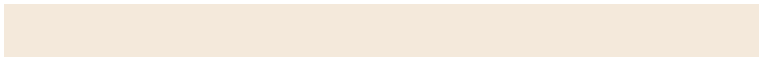
215, 228, 243



224, 232, 251



253, 231, 226



239, 244, 219

Sweetspot

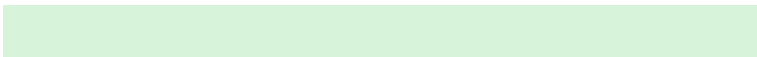
The Sweet Spot groups the original color and five complimentary colors.



215, 228, 243



247, 251, 255



215, 240, 243



122, 125, 128



0, 0, 0



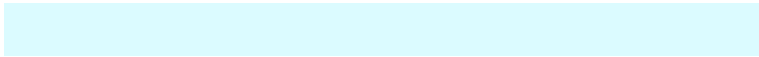
128, 128, 128

Same Dimension

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



215, 228, 243



219, 236, 255



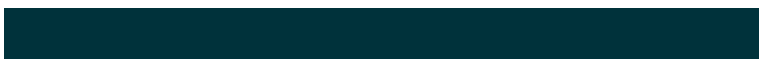
215, 223, 243



110, 116, 122



0, 86, 186



0, 27, 59

Inverse Universe

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



243, 215, 239



255, 219, 250



231, 243, 215



122, 110, 121



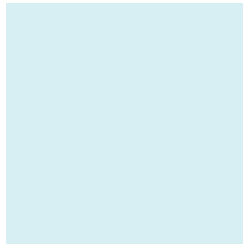
186, 0, 161



59, 0, 51

Previews

White Background



This preview shows how the RYB color 215, 228, 243 looks on a white background.

Color Contrast Check

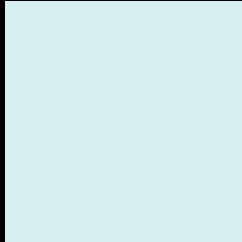
Large Text (above 18pt) WCAG AA × Fail

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, 228, 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, 228, 243 Background



This preview shows how black text looks on a background with the RYB color 215, 228, 243.



This preview shows how white text looks on a background with the RYB color 215, 228, 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](#).

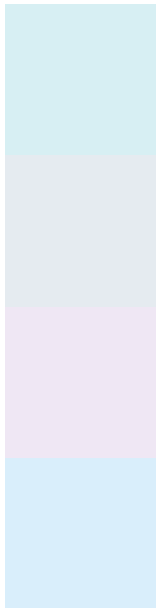
Dichromacy





Tritanopia
218, 231, 255

Trichromacy



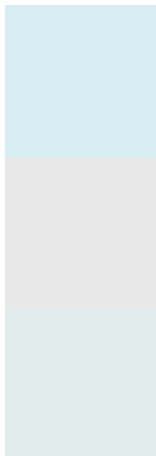
Original Color
215, 228, 243

Protanomaly
229, 233, 240

Deuteranomaly
239, 231, 244

Tritanomaly
217, 230, 251

Monochromacy



Original Color
215, 228, 243

Achromatopsia
232, 232, 232

Achromatomaly
226, 231, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 228, 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, 239, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 239, 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, 239, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 239, 243) }
```

Border

The CSS property to change the border of an element to RYB 215, 228, 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, 239, 243) }
```

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

```
.border{ border-color:rgb(215, 239, 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, 239, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 239, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 239, 243);  
box-shadow:4px 4px 4px 4px rgb(215, 239,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 215, 228, 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, 239, 243) }
```

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

```
.background{ background-color: rgb(215,  
239, 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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