

Converting Colors

`RYB(218, 232, 245)`

Have a look what the booklet for RYB(218, 232, 245) contains.

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Color

R_YB(218, 232, 245)

Conversions

Conversions Part 1

Format	Color
Hex	DAF5F3
RGB	218, 245, 243
RGB Percent	85%, 96%, 95%
CMY	0.1451, 0.0392, 0.0468
CMYK	0.11, 0.00, 0.01, 0.04
HSL	176°, 57%, 91%
HSV	176°, 11%, 96%
XYZ	77.7543, 86.6856, 97.4845
YIQ	236.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

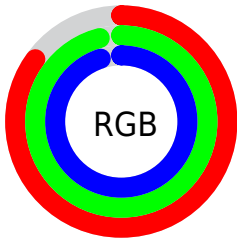
Format	Color
R_{YB}	218, 232, 245
Decimal	14349811
CIE _{Lab}	94.60, -9.12, -2.06
CIE _{LCh}	95, 9.349, 192.756
Yxy	86.6856, 0.2969, 0.3310
Android (android.graphics.Color)	4292539891 (0xFFDAF5F3)
YUV	236.6990, 3.1064, -16.3990
Hunter-Lab	93.1051, -13.8643, 3.0948

Details

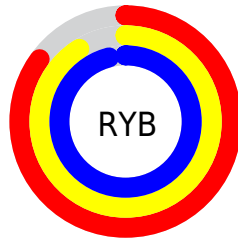
The RYB color **218, 232, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 218, 220**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 177, 189** is the 20% darker color. If you saturate the color by 10%, you get **194, 221, 245**, and if you desaturate by 10%, it is **243, 244, 245**.

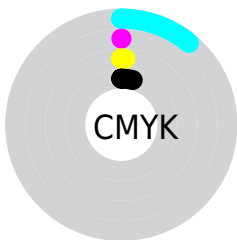
Distribution



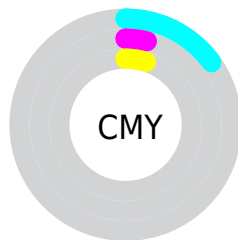
- Red (85%)
- Green (96%)
- Blue (95%)



- Red (85%)
- Yellow (91%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 232, 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 218, 232, 245 by changing the saturation by 10% instead.

■ 218, 232, 245

255, 255, 255

■ 218, 232, 245

■ 190, 204, 217

■ 163, 177, 189

■ 136, 150, 162

■ 111, 123, 135

■ 86, 98, 110

■ 63, 75, 86

■ 40, 51, 62

■ 18, 30, 41

■ 0, 11, 21

 218, 232, 245

 218, 232, 245

 194, 221, 245


 243, 244, 245

 169, 208, 245


 255, 245, 247

 145, 197, 245


 255, 245, 248

 120, 185, 245


 255, 245, 250

 95, 173, 245


 255, 245, 252

 71, 161, 245

 255, 245, 254

 46, 149, 245

 255, 245, 255

 22, 138, 245

 0, 127, 245

Harmonies

Analogous

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



223, 238, 245



218, 232, 245



218, 233, 251

Triad

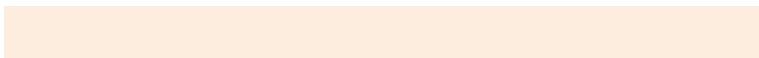
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 232, 245



246, 236, 253



252, 252, 222

Complementary

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



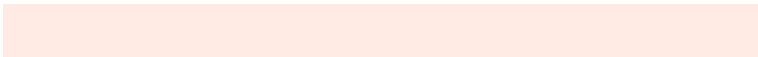
218, 232, 245



245, 218, 220

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, 237, 228



218, 232, 245



255, 234, 245

Square

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



218, 232, 245



235, 238, 255



255, 234, 236



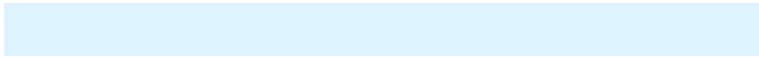
226, 243, 222

Rectangle

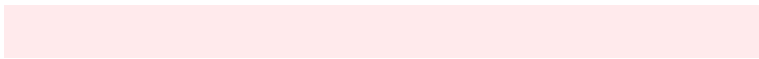
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



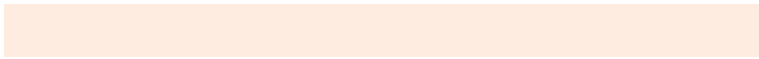
218, 232, 245



222, 235, 255



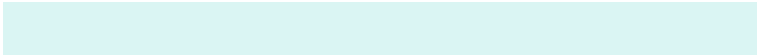
255, 234, 236



255, 244, 224

Sweetspot

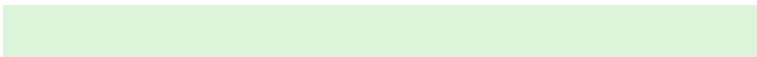
The Sweet Spot groups the original color and five complimentary colors.



218, 232, 245



247, 251, 255



218, 245, 243



122, 125, 128



0, 0, 0



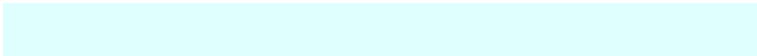
128, 128, 128

Same Dimension

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



218, 232, 245



222, 239, 255



218, 228, 245



110, 116, 122



0, 96, 186



0, 31, 59

Inverse Universe

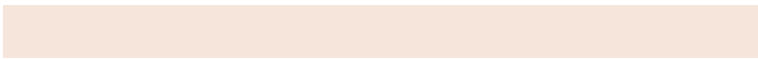
The Inverse Universe completely reimagines the original color for something new.



245, 218, 220



255, 222, 224



245, 237, 218



122, 110, 111



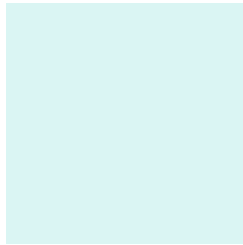
186, 0, 13



59, 0, 4

Previews

White Background



This preview shows how the RYB color 218, 232, 245 looks on a white background.

Color Contrast Check

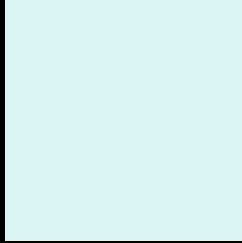
Large Text (above 18pt) WCAG AA × Fail

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 218, 232, 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

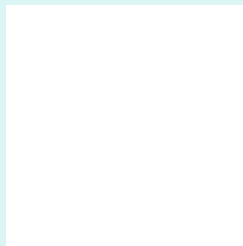
Any Text WCAG AAA ✓ Pass

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

RYB 218, 232, 245 Background



This preview shows how black text looks on a background with the RYB color 218, 232, 245.

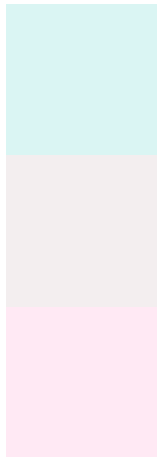


This preview shows how white text looks on a background with the RYB color 218, 232, 245.

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



Original Color
218, 232, 245

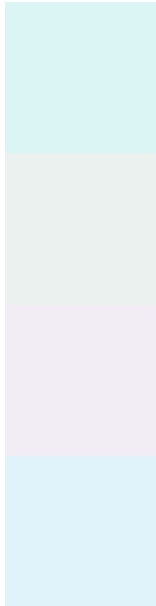
Protanopia
243, 238, 239

Deuteranopia
255, 233, 244



Tritanopia
227, 236, 255

Trichromacy



Original Color

218, 232, 245

Protanomaly

234, 238, 241

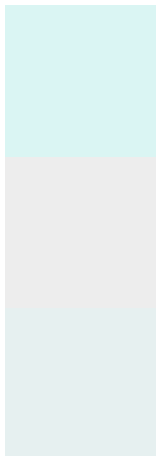
Deuteranomaly

242, 237, 244

Tritanomaly

224, 235, 251

Monochromacy



Original Color

218, 232, 245

Achromatopsia

237, 237, 237

Achromatomaly

230, 235, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 232, 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(218, 245, 243)` looks like.

```
.text, #text, p{  
    color:rgb(218, 245, 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(218, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 245, 243) }
```

Border

The CSS property to change the border of an element to RYB 218, 232, 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(218, 245, 243) }
```

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

```
.border{ border-color:rgb(218, 245, 243) }
```

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

Here you see how a box with a 4 pixel rgb(218, 245, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(218, 245,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 218, 232, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 245, 243) }
```

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

```
.background{ background-color: rgb(218,  
245, 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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