

Converting Colors

`RYB(212, 226, 241)`

Have a look what the booklet for RYB(212, 226, 241) contains.

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Color

R_YB(212, 226, 241)

Conversions

Conversions Part 1

Format	Color
Hex	D4EFF1
RGB	212, 239, 241
RGB Percent	83%, 94%, 95%
CMY	0.1686, 0.0625, 0.0549
CMYK	0.12, 0.01, 0.00, 0.05
HSL	184°, 51%, 89%
HSV	184°, 12%, 95%
XYZ	73.9146, 82.1200, 95.1741
YIQ	231.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

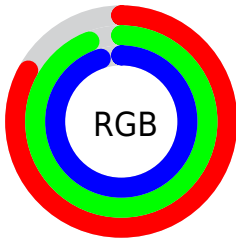
Format	Color
R _Y B	212, 226, 241
Decimal	13955057
CIE Lab	92.63, -8.43, -3.94
CIE LCh	93, 9.300, 205.052
Yxy	82.1200, 0.2942, 0.3269
Android (android.graphics.Color)	4292145137 (0xFFD4EFF1)
YUV	231.1550, 4.8536, -16.7989
Hunter-Lab	90.6201, -12.9910, 1.1645

Details

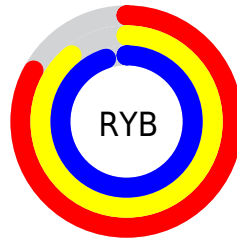
The RYB color **212, 226, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **241, 214, 212**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 170, 185** is the 20% darker color. If you saturate the color by 10%, you get **188, 213, 241**, and if you desaturate by 10%, it is **236, 239, 241**.

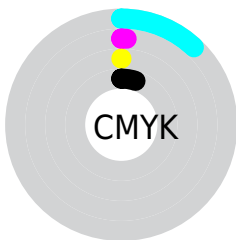
Distribution



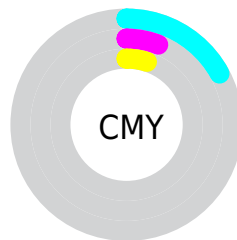
- Red (83%)
- Green (94%)
- Blue (95%)



- Red (83%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 226, 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 212, 226, 241 by changing the saturation by 10% instead.

■ 212, 226, 241

255, 255, 255

■ 212, 226, 241

■ 184, 198, 213

■ 157, 170, 185

■ 131, 144, 158

■ 105, 118, 132

■ 81, 93, 107

■ 57, 69, 83

■ 35, 47, 60

■ 13, 25, 38

■ 0, 8, 17

 212, 226, 241


 212, 226, 241

 188, 213, 241


 236, 239, 241

 164, 201, 241


 255, 242, 241

 140, 189, 241


 255, 245, 241

 116, 176, 241


 255, 247, 241

 92, 164, 241


 255, 252, 241

 67, 151, 241


 252, 255, 241

 43, 139, 241

 249, 255, 241

 19, 126, 241

 245, 255, 241

 0, 116, 241

 242, 255, 241

Harmonies

Analogous

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



215, 229, 239



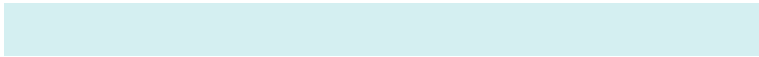
212, 226, 241



215, 229, 248

Triad

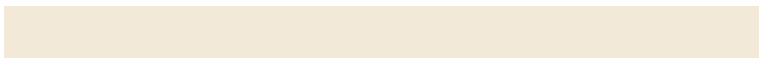
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 226, 241



244, 229, 244



232, 243, 216

Complementary

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



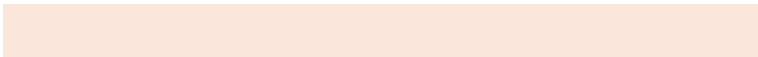
212, 226, 241



241, 214, 212

Split Complementary

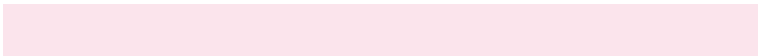
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 236, 219



212, 226, 241



251, 228, 236

Square

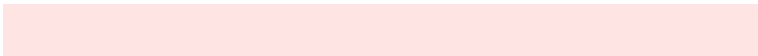
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212, 226, 241



234, 232, 250



254, 228, 227



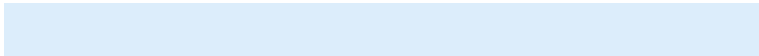
218, 236, 221

Rectangle

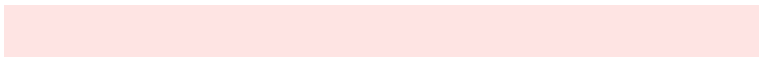
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



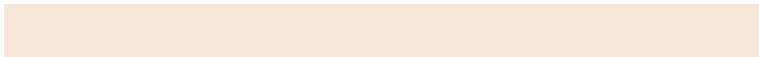
212, 226, 241



220, 231, 251



254, 228, 227



244, 246, 217

Sweetspot

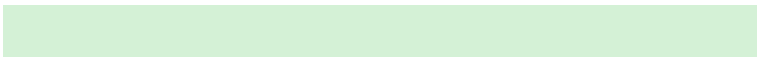
The Sweet Spot groups the original color and five complimentary colors.



212, 226, 241



245, 250, 255



212, 239, 241



121, 124, 128



0, 0, 0



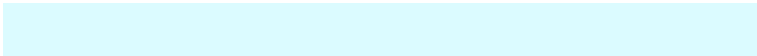
128, 128, 128

Same Dimension

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



212, 226, 241



219, 236, 255



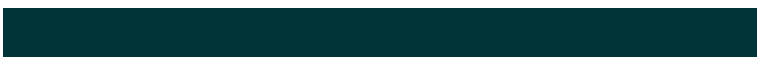
212, 221, 241



108, 114, 120



0, 89, 184



0, 27, 56

Inverse Universe

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



241, 212, 239



255, 219, 253



236, 241, 212



120, 108, 119



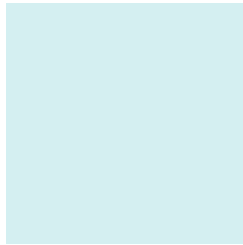
184, 0, 171



56, 0, 52

Previews

White Background



This preview shows how the RYB color 212, 226, 241 looks on a white background.

Color Contrast Check

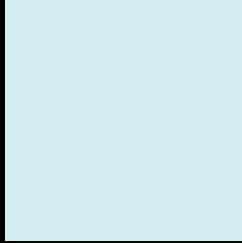
Large Text (above 18pt) WCAG AA × Fail

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 212, 226, 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 212, 226, 241 Background



This preview shows how black text looks on a background with the RYB color 212, 226, 241.



This preview shows how white text looks on a background with the RYB color 212, 226, 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](#).

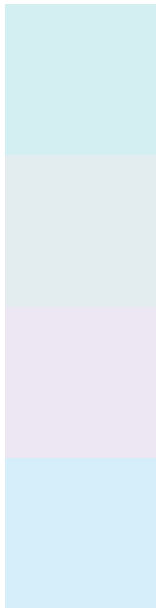
Dichromacy





Tritanopia
215, 229, 255

Trichromacy



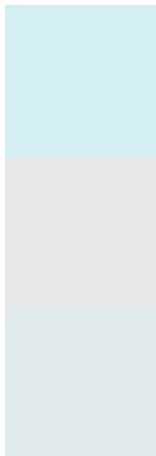
Original Color
212, 226, 241

Protanomaly
227, 232, 238

Deuteranomaly
237, 231, 243

Tritanomaly
214, 228, 250

Monochromacy



Original Color
212, 226, 241

Achromatopsia
231, 231, 231

Achromatomaly
224, 229, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 226, 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(212, 239, 241)` looks like.

```
.text, #text, p{  
    color:rgb(212, 239, 241)  
}
```

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(212, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 239, 241) }
```

Border

The CSS property to change the border of an element to RYB 212, 226, 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(212, 239, 241) }
```

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

```
.border{ border-color:rgb(212, 239, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 239, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(212, 239,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 212, 226, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 239, 241) }
```

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

```
.background{ background-color: rgb(212,  
239, 241) }
```

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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