

Converting Colors

`RYB(219, 234, 240)`

Have a look what the booklet for
RYB(219, 234, 240) contains.

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Color

R_YB(219, 234, 240)

Conversions

Conversions Part 1

Format	Color
Hex	DBF0E3
RGB	219, 240, 227
RGB Percent	86%, 94%, 89%
CMY	0.1412, 0.0588, 0.1082
CMYK	0.09, 0.00, 0.05, 0.06
HSL	144°, 41%, 90%
HSV	144°, 9%, 94%
XYZ	74.2939, 82.9484, 85.0578
YIQ	232.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

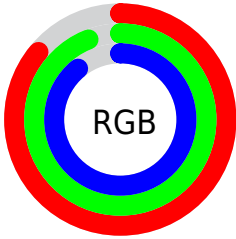
Format	Color
R _Y B	219, 234, 240
Decimal	14414051
CIE Lab	92.99, -9.21, 3.72
CIE LCh	93, 9.932, 158.001
Yxy	82.9484, 0.3066, 0.3423
Android (android.graphics.Color)	4292604131 (0xFFDBF0E3)
YUV	232.2390, -2.5828, -11.6106
Hunter-Lab	91.0760, -13.7743, 8.3811

Details

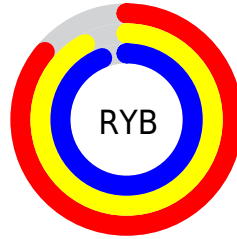
The RYB color **219, 234, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 219, 232**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 178, 184** is the 20% darker color. If you saturate the color by 10%, you get **195, 227, 240**, and if you desaturate by 10%, it is **243, 240, 242**.

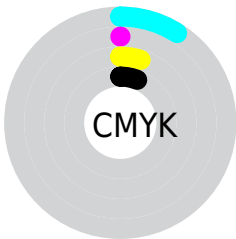
Distribution



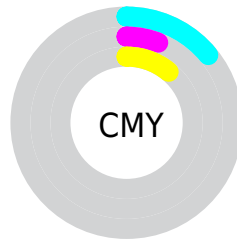
- Red (86%)
- Green (94%)
- Blue (89%)



- Red (86%)
- Yellow (92%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 234, 240 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 219, 234, 240 by changing the saturation by 10% instead.

■ 219, 234, 240

255, 255, 255

■ 219, 234, 240

■ 191, 206, 212

■ 164, 178, 184

■ 138, 151, 157

■ 112, 125, 131

■ 88, 101, 106

■ 64, 77, 82

■ 42, 54, 59

■ 21, 32, 37


■ 0, 15, 16

 219, 234, 240

 219, 234, 240

 195, 227, 240

 243, 240, 242


 171, 220, 240


 255, 240, 255


 147, 214, 240

 123, 206, 240

 99, 200, 240

 75, 193, 240

 51, 186, 240

 27, 179, 240

 3, 172, 240

Harmonies

Analogous

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



220, 238, 229



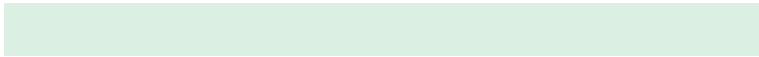
219, 234, 240



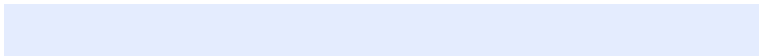
213, 228, 241

Triad

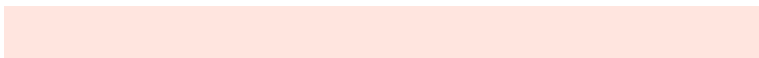
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 234, 240



228, 234, 254



255, 230, 223

Complementary

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



219, 234, 240



240, 219, 232

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, 229, 233



219, 234, 240



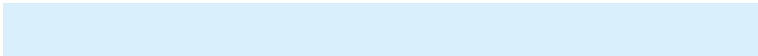
240, 232, 250

Square

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



219, 234, 240



218, 231, 252



250, 229, 242



250, 245, 217

Rectangle

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



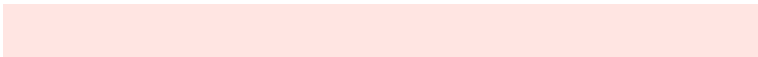
219, 234, 240



211, 226, 243



250, 229, 242



255, 229, 226

Sweetspot

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



219, 234, 240



247, 253, 255



219, 240, 227



122, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

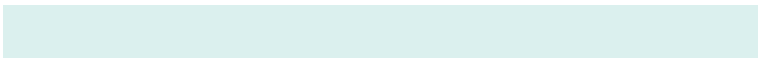
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 234, 240



227, 247, 255



219, 230, 240



108, 116, 120



0, 132, 184



0, 40, 56

Inverse Universe

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



240, 219, 232



255, 227, 244



240, 219, 221



120, 108, 115



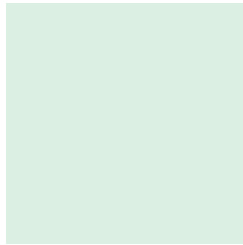
184, 0, 110



56, 0, 34

Previews

White Background



This preview shows how the RYB color 219, 234, 240 looks on a white background.

Color Contrast Check

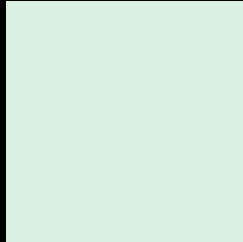
Large Text (above 18pt) WCAG AA × Fail

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 219, 234, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

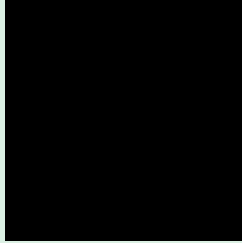
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

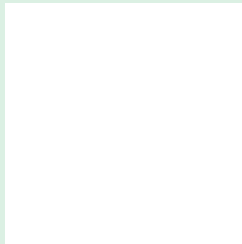
Any Text WCAG AAA ✓ Pass

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

RYB 219, 234, 240 Background



This preview shows how black text looks on a background with the RYB color 219, 234, 240.

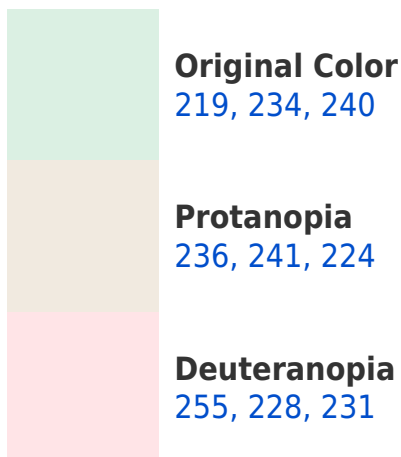


This preview shows how white text looks on a background with the RYB color 219, 234, 240.

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](#).

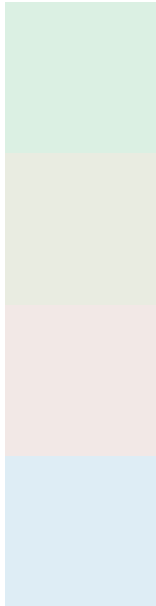
Dichromacy





Tritanopia
223, 232, 255

Trichromacy



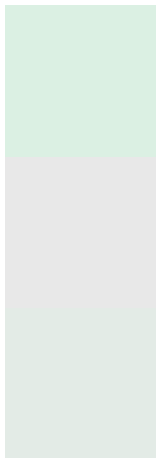
Original Color
219, 234, 240

Protanomaly
225, 236, 228

Deuteranomaly
242, 232, 230

Tritanomaly
222, 231, 245

Monochromacy



Original Color
219, 234, 240

Achromatopsia
232, 232, 232

Achromatomaly
227, 233, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 234, 240 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(219, 240, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 227)  
}
```

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(219, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 227) }
```

Border

The CSS property to change the border of an element to RYB 219, 234, 240 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(219, 240, 227) }
```

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

```
.border{ border-color:rgb(219, 240, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 240, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 219, 234, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 227) }
```

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

```
.background{ background-color: rgb(219,  
240, 227) }
```

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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