

Converting Colors

`RYB(214, 234, 245)`

Have a look what the booklet for
RYB(214, 234, 245) contains.

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Color

R_YB(214, 234, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D6F5E7
RGB	214, 245, 231
RGB Percent	84%, 96%, 91%
CMY	0.1608, 0.0392, 0.0939
CMYK	0.13, 0.00, 0.06, 0.04
HSL	153°, 61%, 90%
HSV	153°, 13%, 96%
XYZ	74.8148, 85.3733, 88.1739
YIQ	234.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

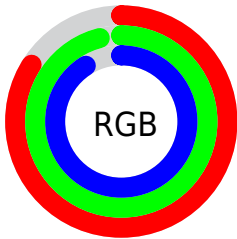
Format	Color
RYB	214, 234, 245
Decimal	14087655
CIELab	94.04, -12.67, 3.31
CIELCh	94, 13.095, 165.351
Yxy	85.3733, 0.3012, 0.3437
Android (android.graphics.Color)	4292277735 (0xFFD6F5E7)
YUV	234.1350, -1.5456, -17.6584
Hunter-Lab	92.3977, -17.1636, 8.0987

Details

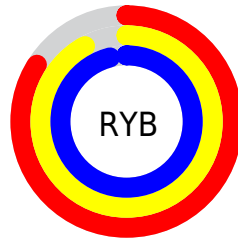
The RYB color **214, 234, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 214, 228**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 179, 189** is the 20% darker color. If you saturate the color by 10%, you get **190, 226, 245**, and if you desaturate by 10%, it is **239, 243, 245**.

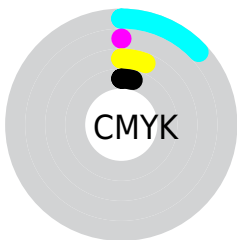
Distribution



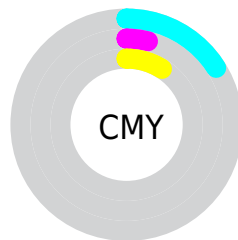
- Red (84%)
- Green (96%)
- Blue (91%)



- Red (84%)
- Yellow (92%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 234, 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 214, 234, 245 by changing the saturation by 10% instead.

■ 214, 234, 245

255, 255, 255

■ 214, 234, 245

■ 186, 206, 217

■ 159, 178, 189

■ 133, 152, 162

■ 107, 125, 135

■ 83, 100, 110

■ 59, 76, 86

■ 37, 53, 62

■ 15, 30, 40

■ 0, 16, 21

 214, 234, 245

 214, 234, 245

 190, 226, 245

 239, 243, 245

 165, 217, 245


 255, 245, 253


 141, 208, 245


 255, 245, 255

 116, 199, 245

 92, 191, 245

 67, 182, 245

 42, 173, 245

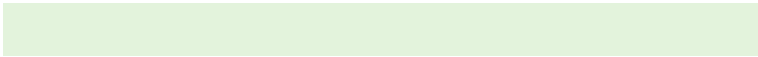
 18, 164, 245

 0, 158, 245

Harmonies

Analogous

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



220, 243, 236



214, 234, 245



207, 226, 245

Triad

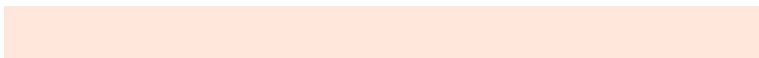
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 234, 245



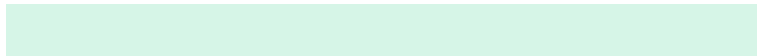
233, 236, 255



255, 236, 220

Complementary

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



214, 234, 245



245, 214, 228

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, 232



214, 234, 245



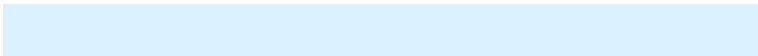
248, 233, 255

Square

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



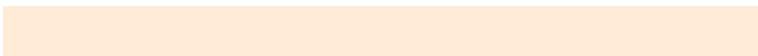
214, 234, 245



218, 232, 255



255, 230, 245



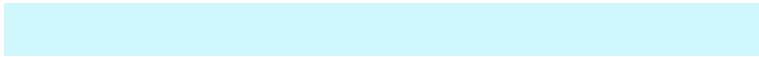
253, 255, 214

Rectangle

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



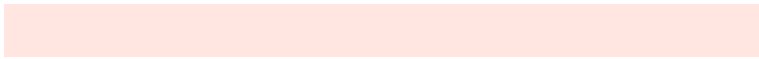
214, 234, 245



207, 228, 252



255, 230, 245



255, 231, 224

Sweetspot

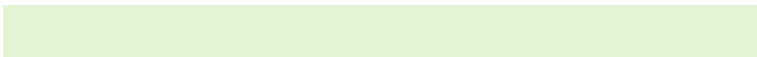
The Sweet Spot groups the original color and five complimentary colors.



214, 234, 245



245, 252, 255



214, 245, 231



121, 125, 128



0, 0, 0



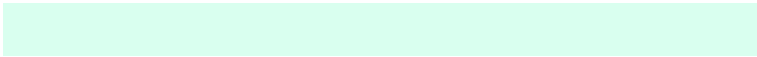
128, 128, 128

Same Dimension

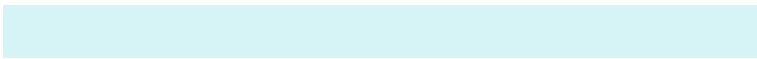
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 234, 245



217, 241, 255



214, 229, 245



110, 118, 122



0, 120, 186



0, 38, 59

Inverse Universe

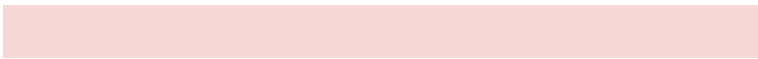
The Inverse Universe completely reimagines the original color for something new.



245, 214, 228



255, 217, 234



245, 216, 214



122, 110, 116



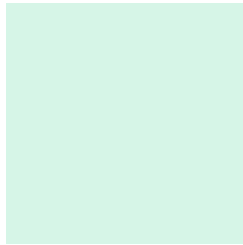
186, 0, 84



59, 0, 26

Previews

White Background



This preview shows how the RYB color 214, 234, 245 looks on a white background.

Color Contrast Check

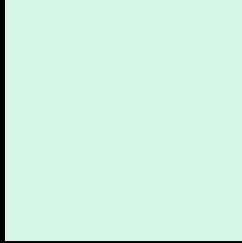
Large Text (above 18pt) WCAG AA × Fail

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 214, 234, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

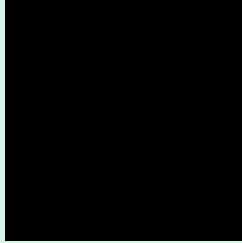
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

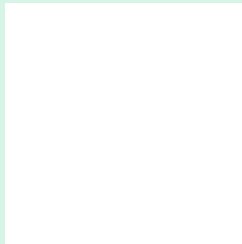
Any Text WCAG AAA ✓ Pass

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

RYB 214, 234, 245 Background



This preview shows how black text looks on a background with the RYB color 214, 234, 245.



This preview shows how white text looks on a background with the RYB color 214, 234, 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](#).

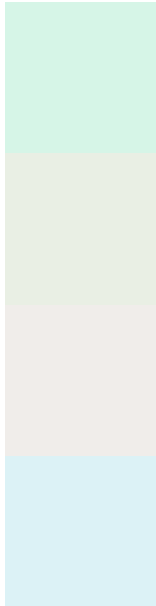
Dichromacy





Tritanopia
223, 234, 255

Trichromacy



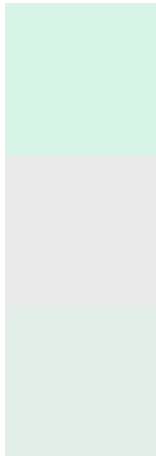
Original Color
214, 234, 245

Protanomaly
228, 239, 234

Deuteranomaly
240, 240, 234

Tritanomaly
220, 232, 246

Monochromacy



Original Color
214, 234, 245

Achromatopsia
234, 234, 234

Achromatomaly
227, 234, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 234, 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(214, 245, 231)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 231)  
}
```

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(214, 245, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 231) }
```

Border

The CSS property to change the border of an element to RYB 214, 234, 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(214, 245, 231) }
```

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

```
.border{ border-color:rgb(214, 245, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 231);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 214, 234, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 231) }
```

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

```
.background{ background-color: rgb(214,  
245, 231) }
```

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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