

Converting Colors

`RYB(214, 220, 243)`

Have a look what the booklet for RYB(214, 220, 243) contains.

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Color

R_YB(214, 220, 243)

Conversions

Conversions Part 1

Format	Color
Hex	D6DEF3
RGB	214, 222, 243
RGB Percent	84%, 87%, 95%
CMY	0.1608, 0.1311, 0.0471
CMYK	0.12, 0.09, 0.00, 0.05
HSL	224°, 55%, 90%
HSV	224°, 12%, 95%
XYZ	69.9152, 72.7791, 95.1569
YIQ	222.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

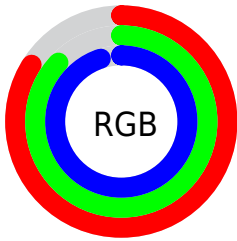
Format	Color
R _Y B	214, 220, 243
Decimal	14081779
CIE Lab	88.34, 1.60, -11.32
CIE LCh	88, 11.428, 278.048
Yxy	72.7791, 0.2939, 0.3060
Android (android.graphics.Color)	4292271859 (0xFFD6DEF3)
YUV	222.0020, 10.3520, -7.0178
Hunter-Lab	85.3107, -3.0065, -6.4155

Details

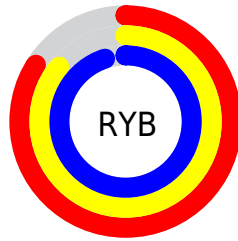
The RYB color **214, 220, 243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 243, 214**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 165, 187** is the 20% darker color. If you saturate the color by 10%, you get **190, 201, 243**, and if you desaturate by 10%, it is **238, 239, 243**.

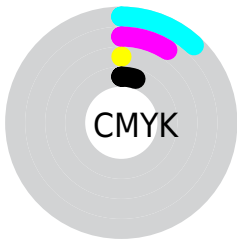
Distribution



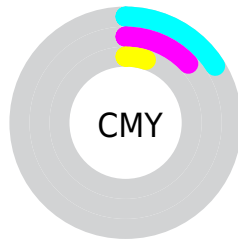
- Red (84%)
- Green (87%)
- Blue (95%)



- Red (84%)
- Yellow (86%)
- Blue (95%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 220, 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 214, 220, 243 by changing the saturation by 10% instead.

■ 214, 220, 243

255, 255, 255

■ 214, 220, 243

■ 186, 192, 215

■ 159, 165, 187

■ 133, 139, 160

■ 107, 113, 134

■ 83, 88, 108

■ 60, 65, 84

■ 37, 43, 61

■ 16, 22, 39

■ 0, 1, 18

■ 214, 220, 243

■ 214, 220, 243

■ 190, 201, 243

■ 238, 239, 243

■ 165, 182, 243

■ 243, 255, 243

■ 141, 162, 243

■ 117, 143, 243

■ 93, 124, 243

■ 68, 104, 243

■ 44, 85, 243

■ 20, 66, 243

■ 0, 50, 243

Harmonies

Analogous

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



202, 216, 241



214, 220, 243



228, 218, 239

Triad

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



214, 220, 243



245, 216, 209



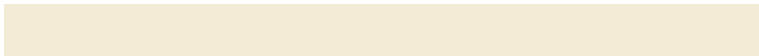
203, 220, 227

Complementary

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



214, 220, 243



225, 243, 214

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.



204, 225, 214



214, 220, 243



238, 231, 202

Square

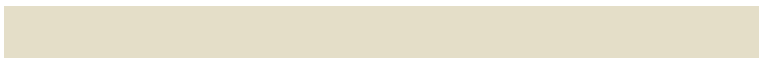
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214, 220, 243



245, 214, 219



208, 228, 200



196, 213, 228

Rectangle

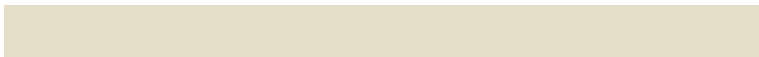
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214, 220, 243



235, 216, 233



208, 228, 200



207, 224, 227

Sweetspot

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



214, 220, 243



245, 247, 255



214, 231, 243



121, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 220, 243



219, 227, 255



221, 214, 243



110, 112, 122



0, 39, 186



0, 12, 59

Inverse Universe

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



243, 214, 222



255, 219, 229



214, 243, 221



122, 110, 113



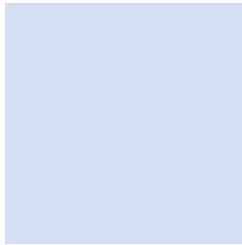
186, 0, 49



59, 0, 15

Previews

White Background



This preview shows how the RYB color 214, 220, 243 looks on a white background.

Color Contrast Check

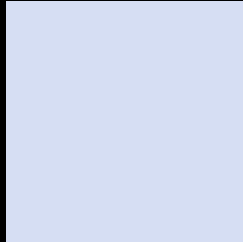
Large Text (above 18pt) WCAG AA × Fail

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 214, 220, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

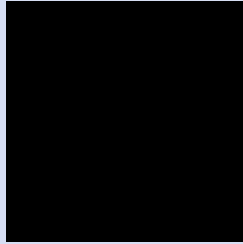
Any Text WCAG AA ✓ Pass

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 214, 220, 243 Background



This preview shows how black text looks on a background with the RYB color 214, 220, 243.



This preview shows how white text looks on a background with the RYB color 214, 220, 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



Original Color
214, 220, 243

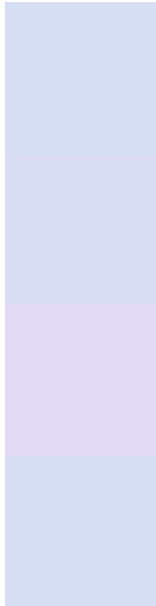
Protanopia
219, 220, 242

Deuteranopia
233, 215, 244



Tritanopia
213, 220, 240

Trichromacy



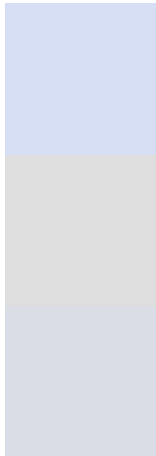
Original Color
214, 220, 243

Protanomaly
217, 220, 242

Deuteranomaly
226, 217, 244

Tritanomaly
213, 220, 241

Monochromacy



Original Color
214, 220, 243

Achromatopsia
222, 222, 222

Achromatomaly
219, 221, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 220, 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(214, 222, 243) looks like.

```
.text, #text, p{  
    color:rgb(214, 222, 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(214, 222, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 222, 243) }
```

Border

The CSS property to change the border of an element to RYB 214, 220, 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(214, 222, 243) }
```

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

```
.border{ border-color:rgb(214, 222, 243) }
```

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

Here you see how a box with a 4 pixel rgb(214, 222, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 222, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 222, 243);  
box-shadow:4px 4px 4px 4px rgb(214, 222,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 214, 220, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 222, 243) }
```

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

```
.background{ background-color: rgb(214,  
222, 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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