

Converting Colors

`RYB(214, 233, 227)`

Have a look what the booklet for
RYB(214, 233, 227) contains.

RYB(214, 233, 227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(214, 233, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DCE9D6
RGB	220, 233, 214
RGB Percent	86%, 91%, 84%
CMY	0.1373, 0.0863, 0.1608
CMYK	0.06, 0.00, 0.08, 0.09
HSL	101°, 30%, 88%
HSV	101°, 8%, 91%
XYZ	70.7917, 78.3485, 75.0100
YIQ	226.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

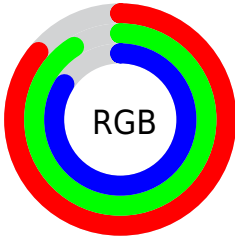
Format	Color
RYB	214, 233, 227
Decimal	14477782
CIELab	90.94, -7.71, 7.74
CIELCh	91, 10.927, 134.903
Yxy	78.3485, 0.3158, 0.3495
Android (android.graphics.Color)	4292667862 (0xFFDCE9D6)
YUV	226.9470, -6.3829, -6.0925
Hunter-Lab	88.5147, -12.1411, 11.7162

Details

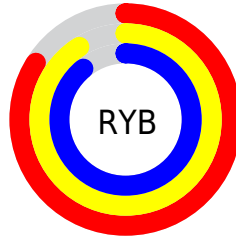
The RYB color **214, 233, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 214, 233**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 177, 171** is the 20% darker color. If you saturate the color by 10%, you get **191, 233, 220**, and if you desaturate by 10%, it is **236, 233, 237**.

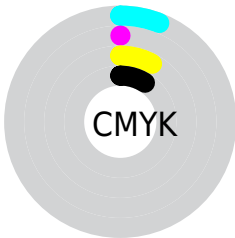
Distribution



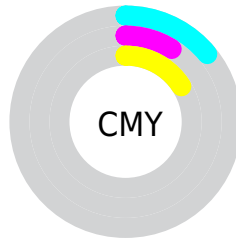
- Red (86%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 233, 227 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, 233, 227 by changing the saturation by 10% instead.

■ 214, 233, 227

255, 255, 255

■ 214, 233, 227

■ 186, 205, 199

■ 159, 177, 171

■ 133, 151, 145

■ 108, 125, 120

■ 84, 100, 95

■ 61, 76, 72


■ 39, 53, 49

■ 18, 32, 28

■ 0, 6, 6

 214, 233, 227

 214, 233, 227

 191, 233, 220

 236, 233, 237

 167, 233, 212

 252, 233, 255

 144, 233, 205

 255, 233, 255

 121, 233, 198

 98, 233, 191

 74, 233, 183

 51, 233, 176

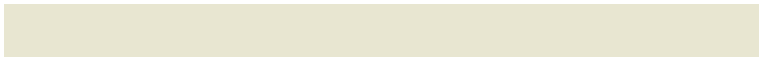
 28, 233, 169

 4, 233, 160

Harmonies

Analogous

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



211, 232, 209



214, 233, 227



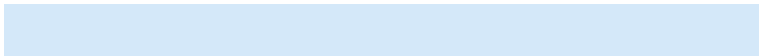
209, 226, 235

Triad

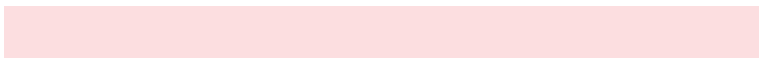
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 233, 227



212, 225, 249



252, 222, 224

Complementary

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



214, 233, 227



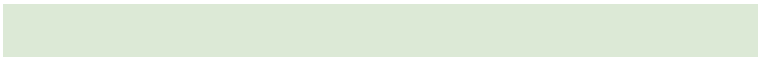
227, 214, 233

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.



247, 223, 235



214, 233, 227



225, 228, 249

Square

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



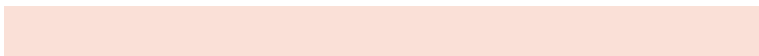
214, 233, 227



205, 221, 243



237, 225, 244



250, 227, 215

Rectangle

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



214, 233, 227



205, 221, 235



237, 225, 244



251, 222, 228

Sweetspot

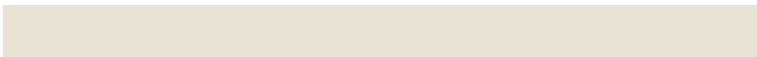
The Sweet Spot groups the original color and five complimentary colors.



214, 233, 227



250, 255, 253



223, 233, 214



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



214, 233, 227



230, 255, 247



214, 230, 233



106, 117, 114



0, 181, 124



0, 54, 37

Inverse Universe

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



227, 214, 233



247, 230, 255



233, 214, 230



114, 106, 117



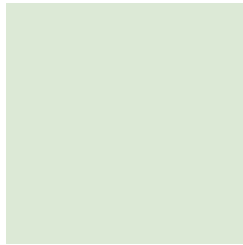
124, 0, 181



37, 0, 54

Previews

White Background



This preview shows how the RYB color 214, 233, 227 looks on a white background.

Color Contrast Check

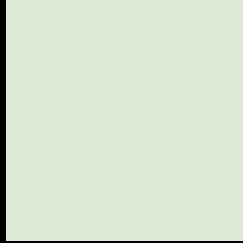
Large Text (above 18pt) WCAG AA × Fail

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, 233, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

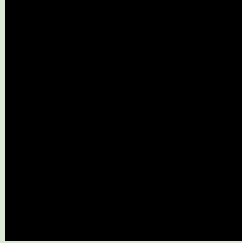
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

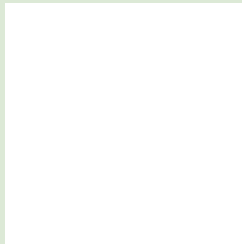
Any Text WCAG AAA ✓ Pass

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

RYB 214, 233, 227 Background



This preview shows how black text looks on a background with the RYB color 214, 233, 227.

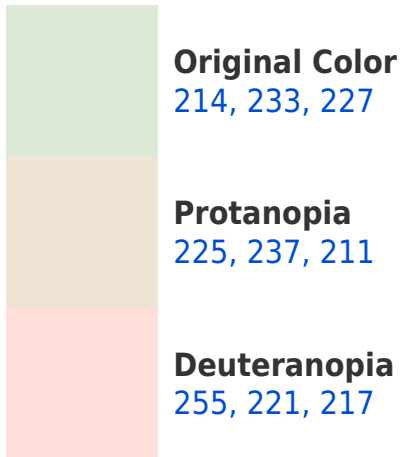


This preview shows how white text looks on a background with the RYB color 214, 233, 227.

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

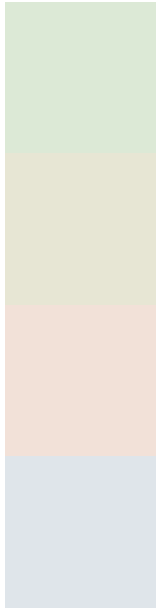




Tritanopia

225, 228, 246

Trichromacy



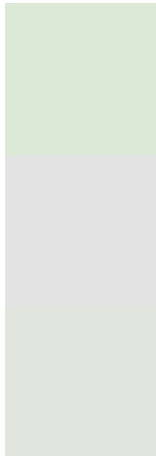
Original Color
214, 233, 227

Protanomaly
213, 231, 212

Deuteranomaly
242, 230, 216

Tritanomaly
223, 227, 234

Monochromacy



Original Color
214, 233, 227

Achromatopsia
227, 227, 227

Achromatomaly
222, 229, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 233, 227 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(220, 233, 214) looks like.

```
.text, #text, p{  
    color:rgb(220, 233, 214)  
}
```

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(220, 233, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 233, 214) }
```

Border

The CSS property to change the border of an element to RYB 214, 233, 227 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(220, 233, 214) }
```

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

```
.border{ border-color:rgb(220, 233, 214) }
```

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

Here you see how a box with a 4 pixel rgb(220, 233, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 233, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 233, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 233,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 214, 233, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 233, 214) }
```

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

```
.background{ background-color: rgb(220,  
233, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor