

Converting Colors

`RYB(203, 228, 215)`

Have a look what the booklet for
RYB(203, 228, 215) contains.

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Color

R_YB(203, 228, 215)

Conversions

Conversions Part 1

Format	Color
Hex	D8E4CB
RGB	216, 228, 203
RGB Percent	85%, 89%, 80%
CMY	0.1529, 0.1059, 0.2039
CMYK	0.05, 0.00, 0.11, 0.11
HSL	89°, 32%, 85%
HSV	89°, 11%, 89%
XYZ	66.8418, 74.3975, 67.3371
YIQ	221.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

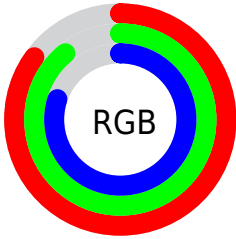
Format	Color
RYB	203, 228, 215
Decimal	14214347
CIELab	89.11, -8.42, 10.83
CIELCh	89, 13.718, 127.879
Yxy	74.3975, 0.3205, 0.3567
Android (android.graphics.Color)	4292404427 (0xFFD8E4CB)
YUV	221.5620, -9.1511, -4.8779
Hunter-Lab	86.2540, -12.6175, 14.0910

Details

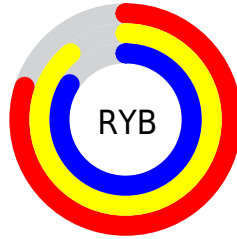
The RYB color **203, 228, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 203, 228**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 173, 161** is the 20% darker color. If you saturate the color by 10%, you get **180, 228, 203**, and if you desaturate by 10%, it is **226, 228, 227**.

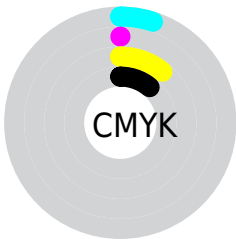
Distribution



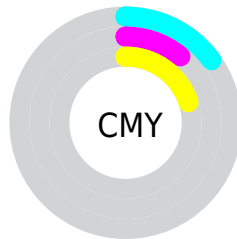
- Red (85%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 228, 215 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 203, 228, 215 by changing the saturation by 10% instead.

■ 203, 228, 215

255, 255, 255

■ 203, 228, 215

■ 176, 200, 188

■ 149, 173, 161

■ 123, 146, 134

■ 98, 120, 108

■ 74, 96, 85

■ 52, 72, 62

■ 30, 49, 39

■ 6, 28, 14

■ 0, 0, 0

 203, 228, 215

 203, 228, 215

 180, 228, 203

 226, 228, 227

 157, 228, 191

 238, 228, 249

 135, 228, 180

 249, 228, 255

 112, 228, 168

 255, 228, 255

 89, 228, 156

 66, 228, 144

 43, 228, 132

 21, 228, 121

 0, 228, 109

Harmonies

Analogous

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



207, 231, 198



203, 228, 215



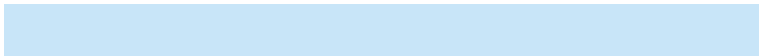
202, 223, 231

Triad

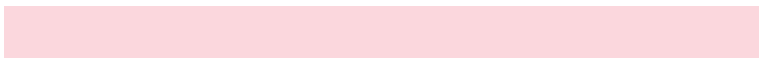
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 228, 215



200, 218, 248



251, 215, 221

Complementary

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



203, 228, 215



215, 203, 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.



244, 216, 234



203, 228, 215



214, 222, 250

Square

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



203, 228, 215



192, 213, 239



231, 219, 245



251, 218, 208

Rectangle

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



203, 228, 215



195, 216, 232



231, 219, 245



250, 215, 225

Sweetspot

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



203, 228, 215



247, 255, 251



228, 226, 203



122, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



203, 228, 215



222, 255, 238



203, 228, 227



103, 115, 109



0, 179, 86



0, 51, 24

Inverse Universe

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



215, 203, 228



238, 222, 255



227, 203, 228



109, 103, 115



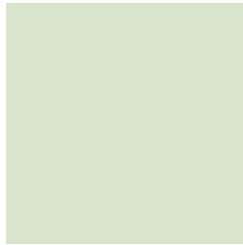
86, 0, 179



24, 0, 51

Previews

White Background



This preview shows how the RYB color 203, 228, 215 looks on a white background.

Color Contrast Check

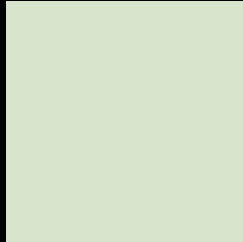
Large Text (above 18pt) WCAG AA × Fail

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 203, 228, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

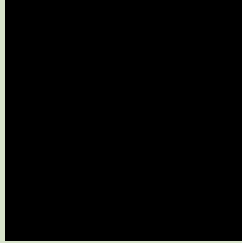
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

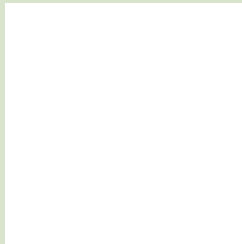
Any Text WCAG AAA ✓ Pass

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

RYB 203, 228, 215 Background



This preview shows how black text looks on a background with the RYB color 203, 228, 215.

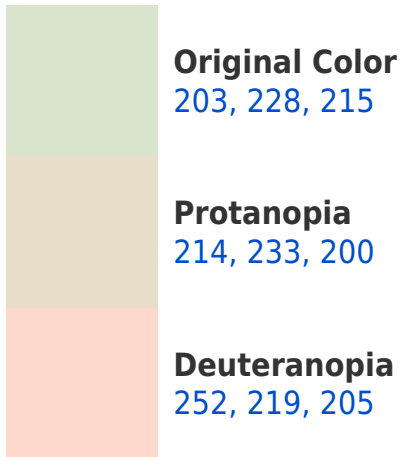


This preview shows how white text looks on a background with the RYB color 203, 228, 215.

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
222, 223, 240

Trichromacy



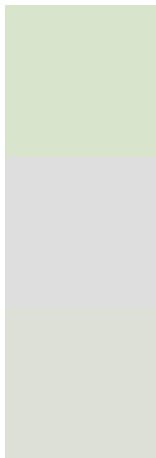
Original Color
203, 228, 215

Protanomaly
203, 227, 201

Deuteranomaly
239, 233, 204

Tritanomaly
220, 223, 227

Monochromacy



Original Color
203, 228, 215

Achromatopsia
222, 222, 222

Achromatomaly
215, 224, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 228, 215 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(216, 228, 203) looks like.

```
.text, #text, p{  
    color:rgb(216, 228, 203)  
}
```

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(216, 228, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 228, 203) }
```

Border

The CSS property to change the border of an element to RYB 203, 228, 215 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(216, 228, 203) }
```

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

```
.border{ border-color:rgb(216, 228, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 228, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 228, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 228, 203);  
box-shadow:4px 4px 4px 4px rgb(216, 228,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 203, 228, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 228, 203) }
```

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

```
.background{ background-color: rgb(216,  
228, 203) }
```

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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