

Converting Colors

RGB(215, 233, 178)

Have a look what the booklet for
RGB(215, 233, 178) contains.

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Color

RGB(215, 233, 178)

Conversions

Conversions Part 1

Format	Color
Hex	D7E9B2
RGB	215, 233, 178
RGB Percent	84%, 91%, 70%
CMY	0.1569, 0.0863, 0.3020
CMYK	0.08, 0.00, 0.24, 0.09
HSL	80°, 56%, 81%
HSV	80°, 24%, 91%
XYZ	65.1991, 75.9393, 53.3409
YIQ	221.3480, 6.9270, -20.9210

Conversions

Conversions Part 2

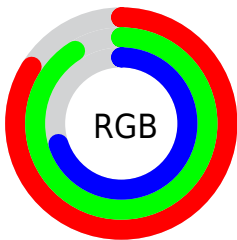
Format	Color
RYB	178, 233, 196
Decimal	14150066
CIELab	89.83, -15.20, 24.80
CIElCh	90, 29.093, 121.505
Yxy	75.9393, 0.3352, 0.3905
Android (android.graphics.Color)	4292340146 (0xFFD7E9B2)
YUV	221.3480, -21.3706, -5.5672
Hunter-Lab	87.1431, -18.9496, 24.7084

Details

The RGB color **215, 233, 178** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **196, 178, 233**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 234**, and **160, 177, 125** is the 20% darker color. If you saturate the color by 10%, you get **207, 233, 155**, and if you desaturate by 10%, it is **223, 233, 201**.

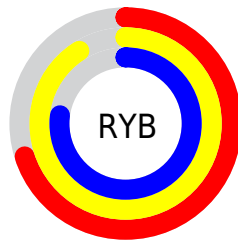
Distribution



Red (84%)

Green (91%)

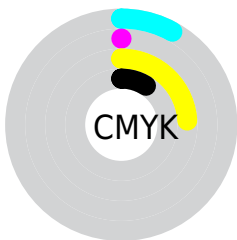
Blue (70%)



Red (70%)

Yellow (91%)

Blue (77%)

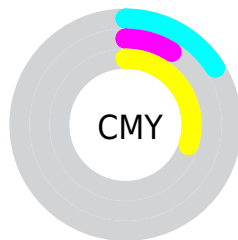


Cyan (8%)

Magenta (0%)

Yellow (24%)

Black (9%)



Cyan (16%)

Magenta (9%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 233, 178 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 RGB color 215, 233, 178 by changing the saturation by 10% instead.

 215, 233, 178

255, 255, 255


 255, 255, 234

 215, 233, 178

 187, 205, 151

 160, 177, 125

 133, 151, 100

 108, 125, 75

 83, 100, 52

 59, 76, 30

 36, 53, 7

 14, 32, 0

 0, 0, 0

 215, 233, 178

 215, 233, 178

 207, 233, 155


 223, 233, 201

 200, 233, 131

 230, 233, 225

 192, 233, 108


 238, 233, 248

 184, 233, 85


 246, 233, 255

 177, 233, 62

 253, 233, 255

 169, 233, 38

 255, 233, 255

 162, 233, 15

 157, 233, 0

Harmonies

Analogous

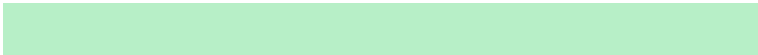
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 224, 170



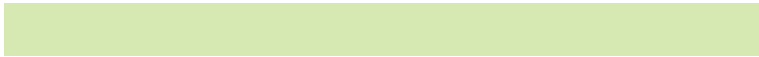
215, 233, 178



183, 239, 199

Triad

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



215, 233, 178



160, 236, 255



255, 206, 225

Complementary

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



215, 233, 178



196, 178, 233

Split Complementary

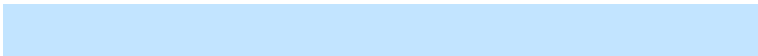
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 210, 253



215, 233, 178



194, 228, 255

Square

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



215, 233, 178



146, 241, 254



232, 218, 255



255, 208, 198

Rectangle

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



215, 233, 178



164, 241, 217



232, 218, 255



255, 207, 235

Sweetspot

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



215, 233, 178



249, 255, 237



233, 195, 178



124, 128, 117



0, 0, 0



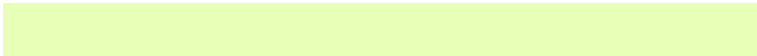
128, 128, 128

Same Dimension

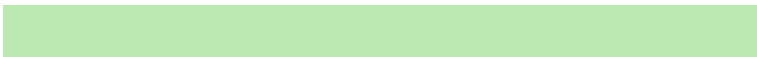
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 233, 178



232, 255, 184



188, 233, 178



113, 117, 106



122, 181, 0



36, 54, 0

Inverse Universe

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



196, 178, 233



207, 184, 255



223, 178, 233



109, 106, 117



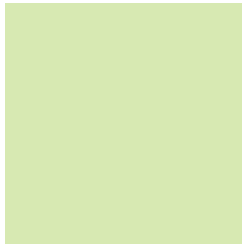
59, 0, 181



18, 0, 54

Previews

White Background



This preview shows how the RGB color 215, 233, 178 looks on a white background.

Color Contrast Check

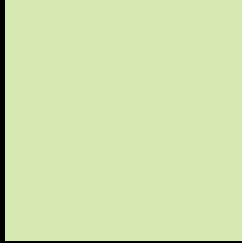
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 215, 233, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

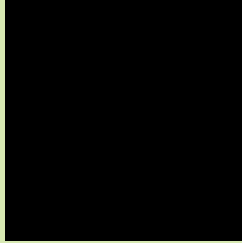
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

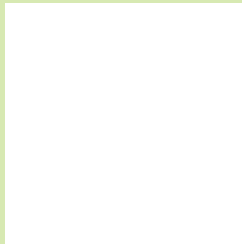
Any Text WCAG AAA ✓ Pass

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

RGB 215, 233, 178 Background



This preview shows how black text looks on a background with the RGB color 215, 233, 178.

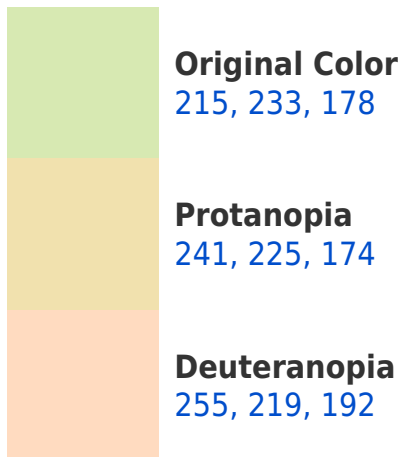


This preview shows how white text looks on a background with the RGB color 215, 233, 178.

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](#).

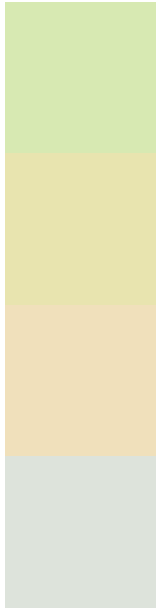
Dichromacy





Tritanopia
224, 224, 242

Trichromacy



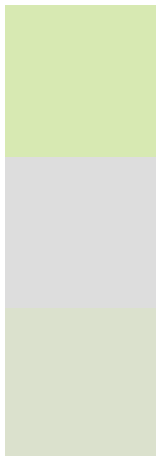
Original Color
215, 233, 178

Protanomaly
232, 228, 175

Deuteranomaly
240, 224, 187

Tritanomaly
221, 227, 219

Monochromacy



Original Color
215, 233, 178

Achromatopsia
221, 221, 221

Achromatomaly
219, 225, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 233, 178 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(215, 233, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 233, 178)  
}
```

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(215, 233, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 233, 178) }
```

Border

The CSS property to change the border of an element to RGB 215, 233, 178 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(215, 233, 178) }
```

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

```
.border{ border-color:rgb(215, 233, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 233, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 233, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 233, 178);  
box-shadow:4px 4px 4px 4px rgb(215, 233,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 215, 233, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 233, 178) }
```

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

```
.background{ background-color: rgb(215,  
233, 178) }
```

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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