

Converting Colors

RGB(207, 228, 193)

Have a look what the booklet for
RGB(207, 228, 193) contains.

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Color

RGB(207, 228, 193)

Conversions

Conversions Part 1

Format	Color
Hex	CFE4C1
RGB	207, 228, 193
RGB Percent	81%, 89%, 76%
CMY	0.1882, 0.1059, 0.2431
CMYK	0.09, 0.00, 0.15, 0.11
HSL	96°, 39%, 83%
HSV	96°, 15%, 89%
XYZ	63.1012, 72.6025, 61.1400
YIQ	217.7310, -1.2810, -15.3370

Conversions

Conversions Part 2

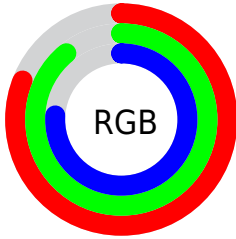
Format	Color
RYB	193, 228, 214
Decimal	13624513
CIELab	88.26, -13.20, 14.75
CIELCh	88, 19.799, 131.824
Yxy	72.6025, 0.3206, 0.3688
Android (android.graphics.Color)	4291814593 (0xFFCFE4C1)
YUV	217.7310, -12.1924, -9.4111
Hunter-Lab	85.2071, -16.9220, 17.1017

Details

The RGB color **207, 228, 193** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **214, 193, 228**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 249**, and **153, 173, 139** is the 20% darker color. If you saturate the color by 10%, you get **193, 228, 170**, and if you desaturate by 10%, it is **221, 228, 216**.

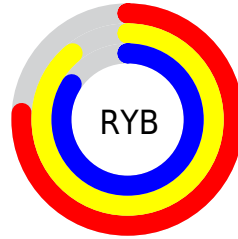
Distribution



Red (81%)

Green (89%)

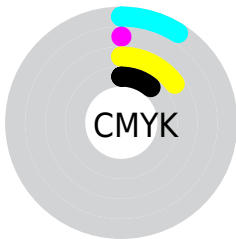
Blue (76%)



Red (76%)

Yellow (89%)

Blue (84%)

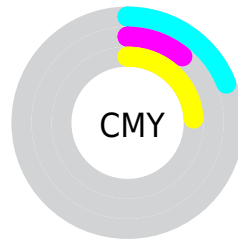


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (11%)



Cyan (19%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 228, 193 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 207, 228, 193 by changing the saturation by 10% instead.

 207, 228, 193

255, 255, 255


 255, 255, 249

 207, 228, 193

 179, 200, 166

 153, 173, 139

 126, 146, 114

 101, 120, 89

 77, 95, 66

 54, 72, 43

 32, 49, 22


 12, 28, 0

 0, 0, 0

 207, 228, 193

 207, 228, 193

 193, 228, 170

 221, 228, 216

 180, 228, 147

 234, 228, 239

 166, 228, 125


 248, 228, 255

 152, 228, 102


 255, 228, 255

 139, 228, 79

 125, 228, 56

 111, 228, 33

 98, 228, 11

 91, 228, 0

Harmonies

Analogous

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



229, 223, 185



207, 228, 193



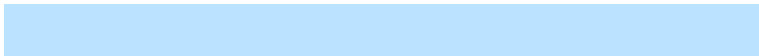
187, 232, 209

Triad

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



207, 228, 193



187, 227, 255



255, 208, 214

Complementary

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



207, 228, 193



214, 193, 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.



252, 210, 234



207, 228, 193



210, 221, 255

Square

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



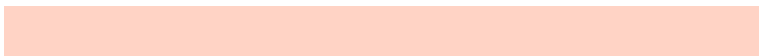
207, 228, 193



173, 231, 246



234, 214, 250



255, 211, 197

Rectangle

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



207, 228, 193



177, 233, 222



234, 214, 250



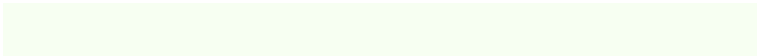
255, 208, 221

Sweetspot

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



207, 228, 193



247, 255, 242



228, 214, 193



123, 128, 120



0, 0, 0



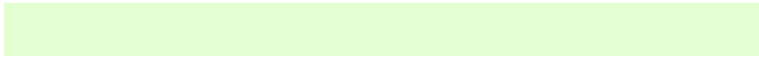
128, 128, 128

Same Dimension

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



207, 228, 193



227, 255, 209



193, 228, 196



108, 115, 103



71, 179, 0



20, 51, 0

Inverse Universe

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



214, 193, 228



237, 209, 255



228, 193, 225



110, 103, 115



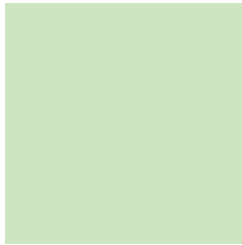
107, 0, 179



31, 0, 51

Previews

White Background



This preview shows how the RGB color 207, 228, 193 looks on a white background.

Color Contrast Check

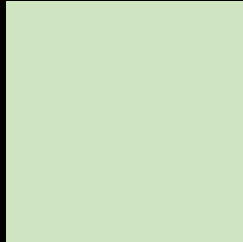
Large Text (above 18pt) WCAG AA × Fail

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 207, 228, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

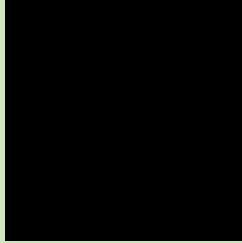
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

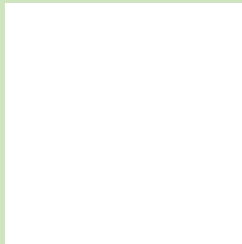
Any Text WCAG AAA ✓ Pass

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

RGB 207, 228, 193 Background



This preview shows how black text looks on a background with the RGB color 207, 228, 193.

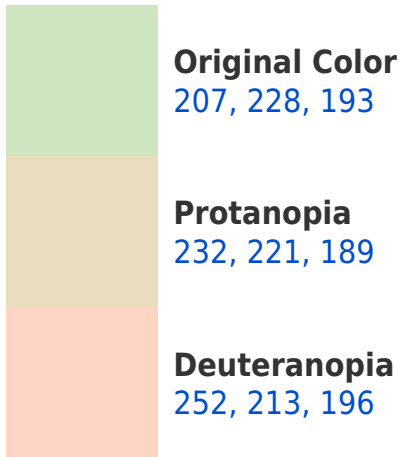


This preview shows how white text looks on a background with the RGB color 207, 228, 193.

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

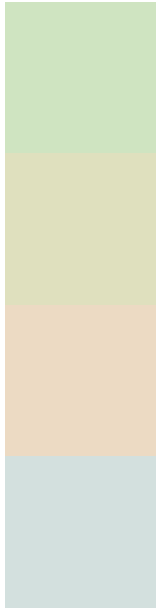




Tritanopia

214, 222, 239

Trichromacy



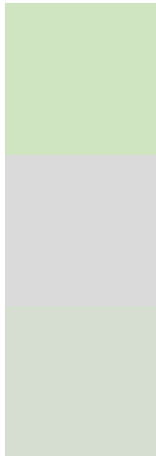
Original Color
207, 228, 193

Protanomaly
223, 224, 190

Deuteranomaly
236, 218, 195

Tritanomaly
211, 224, 222

Monochromacy



Original Color
207, 228, 193

Achromatopsia
218, 218, 218

Achromatomaly
214, 222, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 228, 193 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(207, 228, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 193)  
}
```

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(207, 228, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 193) }
```

Border

The CSS property to change the border of an element to RGB 207, 228, 193 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(207, 228, 193) }
```

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

```
.border{ border-color:rgb(207, 228, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 228, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 228, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 228, 193); box-shadow:4px 4px 4px 4px rgb(207, 228, 193) }
```

Background

The CSS property to change the background color of an element to RGB 207, 228, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 193) }
```

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

```
.background{ background-color: rgb(207,  
228, 193) }
```

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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