

Converting Colors

RGB(218, 232, 165)

Have a look what the booklet for
RGB(218, 232, 165) contains.

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Color

RGB(218, 232, 165)

Conversions

Conversions Part 1

Format	Color
Hex	DAE8A5
RGB	218, 232, 165
RGB Percent	85%, 91%, 65%
CMY	0.1451, 0.0902, 0.3529
CMYK	0.06, 0.00, 0.29, 0.09
HSL	73°, 59%, 78%
HSV	73°, 29%, 91%
XYZ	64.5616, 75.3353, 46.7357
YIQ	220.1760, 13.1630, -23.8050

Conversions

Conversions Part 2

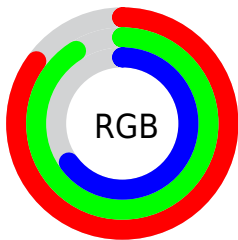
Format	Color
RYB	165, 232, 179
Decimal	14346405
CIELab	89.55, -15.43, 31.12
CIELCh	90, 34.733, 116.380
Yxy	75.3353, 0.3459, 0.4037
Android (android.graphics.Color)	4292536485 (0xFFDAE8A5)
YUV	220.1760, -27.2018, -1.9084
Hunter-Lab	86.7959, -19.1187, 28.8321

Details

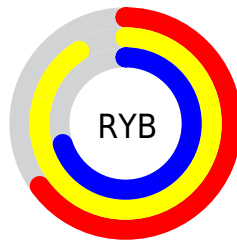
The RGB color **218, 232, 165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **179, 165, 232**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 220**, and **162, 176, 113** is the 20% darker color. If you saturate the color by 10%, you get **213, 232, 142**, and if you desaturate by 10%, it is **223, 232, 188**.

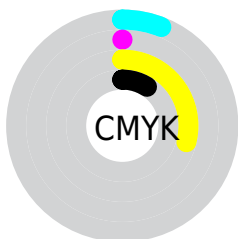
Distribution



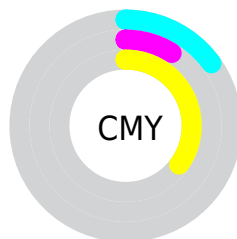
- Red (85%)
- Green (91%)
- Blue (65%)



- Red (65%)
- Yellow (91%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 232, 165 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 218, 232, 165 by changing the saturation by 10% instead.

 218, 232, 165


255, 255, 255


 255, 255, 220

 255, 255, 249

 218, 232, 165

 190, 204, 138

 162, 176, 113


 136, 150, 88

 110, 124, 63

 85, 99, 40

 60, 75, 17

 38, 52, 0

 13, 31, 0

 0, 0, 0

 218, 232, 165


 218, 232, 165

 213, 232, 142

 223, 232, 188

 208, 232, 119

 228, 232, 211

 203, 232, 95

 233, 232, 235

 199, 232, 72

 237, 232, 255

 194, 232, 49

 242, 232, 255

 189, 232, 26

 247, 232, 255

 184, 232, 3

 252, 232, 255

 184, 232, 0

 255, 232, 255

Harmonies

Analogous

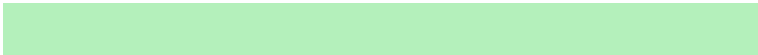
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 222, 159



218, 232, 165



180, 240, 187

Triad

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



218, 232, 165



135, 238, 255



255, 201, 230

Complementary

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



218, 232, 165



179, 165, 232

Split Complementary

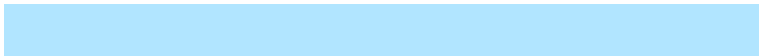
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 207, 255



218, 232, 165



177, 229, 255

Square

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



218, 232, 165



122, 243, 253



225, 218, 255



255, 202, 197

Rectangle

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



218, 232, 165



155, 243, 208



225, 218, 255



255, 202, 242

Sweetspot

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



218, 232, 165



250, 255, 232



232, 178, 165



125, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



218, 232, 165



236, 255, 166



185, 232, 165



112, 115, 103



141, 179, 0



40, 51, 0

Inverse Universe

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



179, 165, 232



184, 166, 255



212, 165, 232



106, 103, 115



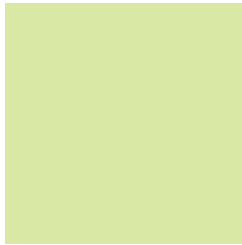
37, 0, 179



11, 0, 51

Previews

White Background



This preview shows how the RGB color 218, 232, 165 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 218, 232, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

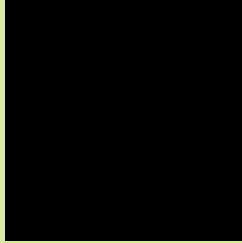
Any Text WCAG AA ✓ Pass

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 218, 232, 165 Background



This preview shows how black text looks on a background with the RGB color 218, 232, 165.

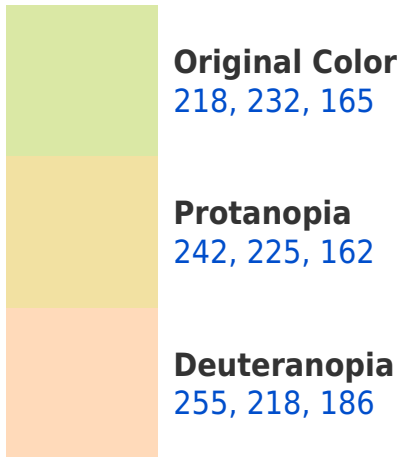


This preview shows how white text looks on a background with the RGB color 218, 232, 165.

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](#).

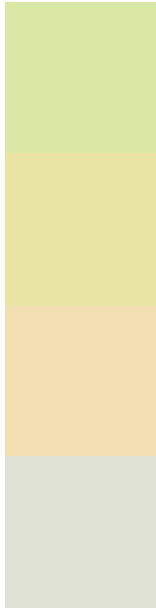
Dichromacy





Tritanopia
228, 222, 240

Trichromacy



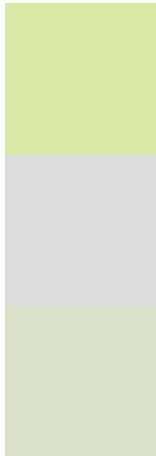
Original Color
218, 232, 165

Protanomaly
233, 228, 163

Deuteranomaly
242, 223, 178

Tritanomaly
224, 226, 213

Monochromacy



Original Color
218, 232, 165

Achromatopsia
220, 220, 220

Achromatomaly
219, 224, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 232, 165 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(218, 232, 165)` looks like.

```
.text, #text, p{  
    color:rgb(218, 232, 165)  
}
```

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(218, 232, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 232, 165) }
```

Border

The CSS property to change the border of an element to RGB 218, 232, 165 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(218, 232, 165) }
```

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

```
.border{ border-color:rgb(218, 232, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 232, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 232, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 232, 165);  
box-shadow:4px 4px 4px 4px rgb(218, 232,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 218, 232, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 232, 165) }
```

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

```
.background{ background-color: rgb(218,  
232, 165) }
```

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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