

Converting Colors

RGB(217, 240, 173)

Have a look what the booklet for
RGB(217, 240, 173) contains.

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Color

RGB(217, 240, 173)

Conversions

Conversions Part 1

Format	Color
Hex	D9F0AD
RGB	217, 240, 173
RGB Percent	85%, 94%, 68%
CMY	0.1490, 0.0588, 0.3216
CMYK	0.10, 0.00, 0.28, 0.06
HSL	81°, 69%, 81%
HSV	81°, 28%, 94%
XYZ	67.3182, 80.0890, 51.4458
YIQ	225.4850, 7.7990, -25.7130

Conversions

Conversions Part 2

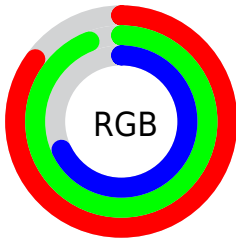
Format	Color
RYB	173, 240, 196
Decimal	14282925
CIELab	91.72, -18.64, 29.96
CIELCh	92, 35.284, 121.888
Yxy	80.0890, 0.3385, 0.4028
Android (android.graphics.Color)	4292473005 (0xFFD9F0AD)
YUV	225.4850, -25.8751, -7.4413
Hunter-Lab	89.4925, -22.3402, 28.5611

Details

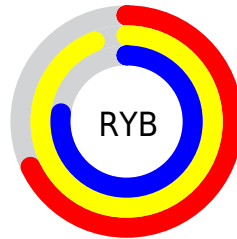
The RGB color **217, 240, 173** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **196, 173, 240**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 229**, and **161, 184, 120** is the 20% darker color. If you saturate the color by 10%, you get **209, 240, 149**, and if you desaturate by 10%, it is **225, 240, 197**.

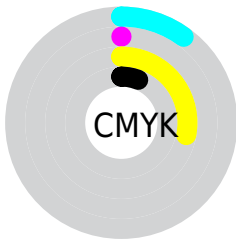
Distribution



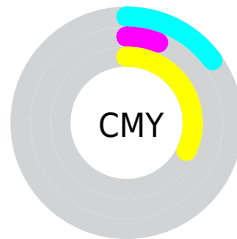
- Red (85%)
- Green (94%)
- Blue (68%)



- Red (68%)
- Yellow (94%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 240, 173 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 217, 240, 173 by changing the saturation by 10% instead.

 217, 240, 173


255, 255, 255


 255, 255, 229

 217, 240, 173

 189, 212, 146

 161, 184, 120

 135, 157, 95


 109, 131, 71

 84, 106, 47

 60, 81, 24

 36, 58, 0

 14, 36, 0

 0, 12, 0

217, 240, 173

217, 240, 173

209, 240, 149

225, 240, 197

201, 240, 125

233, 240, 221

192, 240, 101

242, 240, 245

184, 240, 77

250, 240, 255

176, 240, 53

255, 240, 255

168, 240, 29

159, 240, 5

158, 240, 0

Harmonies

Analogous

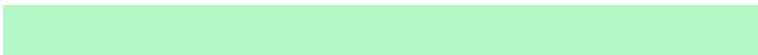
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 230, 164



217, 240, 173



178, 247, 198

Triad

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



217, 240, 173



146, 243, 255



255, 206, 230

Complementary

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



217, 240, 173



196, 173, 240

Split Complementary

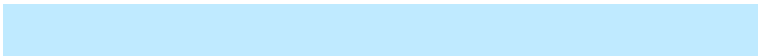
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 211, 255



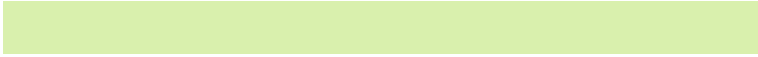
217, 240, 173



191, 234, 255

Square

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



217, 240, 173



126, 249, 255



239, 222, 255



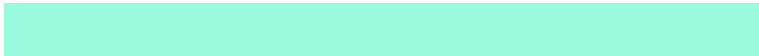
255, 209, 197

Rectangle

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



217, 240, 173



153, 250, 221



239, 222, 255



255, 207, 242

Sweetspot

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



217, 240, 173



248, 255, 235



240, 195, 173



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

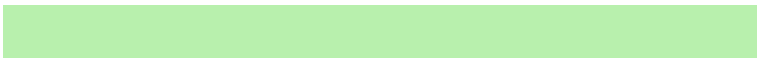
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 240, 173



225, 255, 168



184, 240, 173



116, 120, 108



121, 184, 0



37, 56, 0

Inverse Universe

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



196, 173, 240



198, 168, 255



229, 173, 240



112, 108, 120



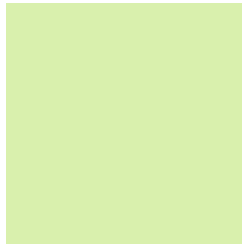
63, 0, 184



19, 0, 56

Previews

White Background



This preview shows how the RGB color 217, 240, 173 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 217, 240, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

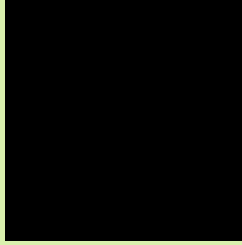
Any Text WCAG AA ✓ Pass

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 217, 240, 173 Background



This preview shows how black text looks on a background with the RGB color 217, 240, 173.

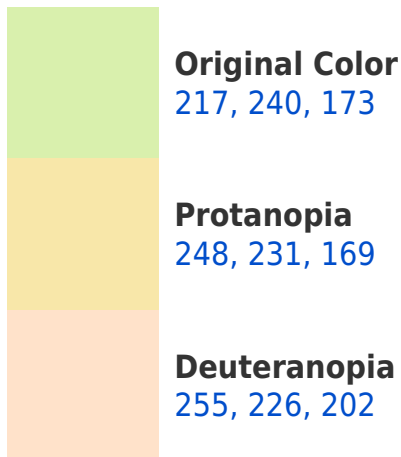


This preview shows how white text looks on a background with the RGB color 217, 240, 173.

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

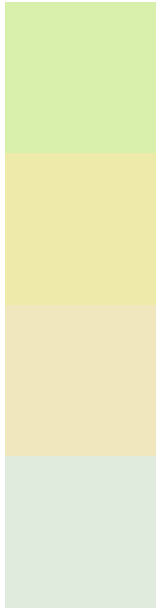




Tritanopia

228, 230, 248

Trichromacy



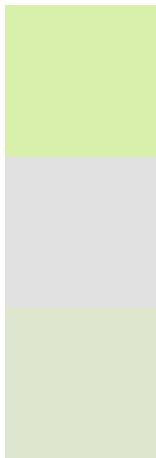
Original Color
217, 240, 173

Protanomaly
237, 234, 170

Deuteranomaly
241, 231, 191

Tritanomaly
224, 234, 221

Monochromacy



Original Color
217, 240, 173

Achromatopsia
225, 225, 225

Achromatomaly
222, 230, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 240, 173 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(217, 240, 173)` looks like.

```
.text, #text, p{  
    color:rgb(217, 240, 173)  
}
```

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(217, 240, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 240, 173) }
```

Border

The CSS property to change the border of an element to RGB 217, 240, 173 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(217, 240, 173) }
```

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

```
.border{ border-color:rgb(217, 240, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 240, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 240, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 240, 173);  
box-shadow:4px 4px 4px 4px rgb(217, 240,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 217, 240, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 240, 173) }
```

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

```
.background{ background-color: rgb(217,  
240, 173) }
```

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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