

Converting Colors

RGB(221, 232, 179)

Have a look what the booklet for
RGB(221, 232, 179) contains.

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Color

RGB(221, 232, 179)

Conversions

Conversions Part 1

Format	Color
Hex	DDE8B3
RGB	221, 232, 179
RGB Percent	87%, 91%, 70%
CMY	0.1333, 0.0902, 0.2980
CMYK	0.05, 0.00, 0.23, 0.09
HSL	72°, 54%, 81%
HSV	72°, 23%, 91%
XYZ	66.8121, 76.3401, 53.8616
YIQ	222.6690, 10.4570, -18.8150

Conversions

Conversions Part 2

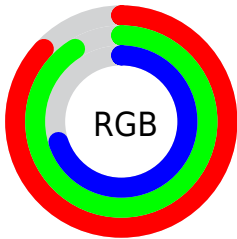
Format	Color
RYB	179, 232, 190
Decimal	14543027
CIELab	90.02, -12.40, 24.61
CIELCh	90, 27.560, 116.734
Yxy	76.3401, 0.3391, 0.3875
Android (android.graphics.Color)	4292733107 (0xFFDDE8B3)
YUV	222.6690, -21.5288, -1.4637
Hunter-Lab	87.3728, -16.4073, 24.6112

Details

The RGB color **221, 232, 179** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **190, 179, 232**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 235**, and **166, 176, 126** is the 20% darker color. If you saturate the color by 10%, you get **216, 232, 156**, and if you desaturate by 10%, it is **226, 232, 202**.

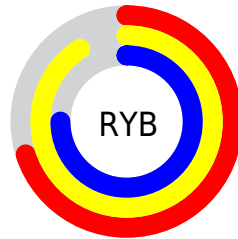
Distribution



Red (87%)

Green (91%)

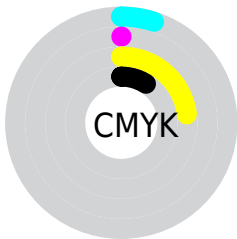
Blue (70%)



Red (70%)

Yellow (91%)

Blue (75%)

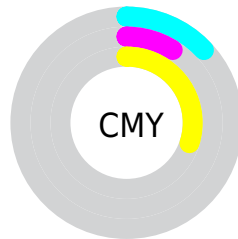


Cyan (5%)

Magenta (0%)

Yellow (23%)

Black (9%)



Cyan (13%)

Magenta (9%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 232, 179 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 221, 232, 179 by changing the saturation by 10% instead.


 221, 232, 179

255, 255, 255


 255, 255, 235

 221, 232, 179

 193, 204, 152

 166, 176, 126

 139, 150, 101

 113, 124, 76

 88, 99, 53

 64, 75, 31

 41, 52, 8

 20, 31, 0

 0, 0, 0

221, 232, 179

221, 232, 179

216, 232, 156

226, 232, 202

211, 232, 133

231, 232, 225

207, 232, 109

235, 232, 249

202, 232, 86

240, 232, 255

197, 232, 63

245, 232, 255

192, 232, 40

250, 232, 255

187, 232, 17

255, 232, 255

184, 232, 0

255, 232, 255

Harmonies

Analogous

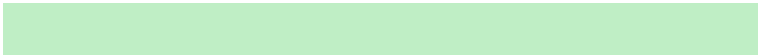
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 224, 174



221, 232, 179



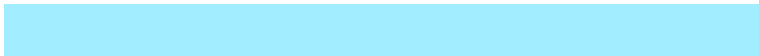
191, 238, 197

Triad

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



221, 232, 179



162, 237, 255



255, 208, 230

Complementary

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



221, 232, 179



190, 179, 232

Split Complementary

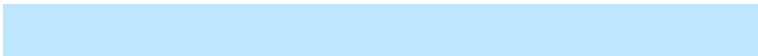
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 212, 255



221, 232, 179



191, 230, 255

Square

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



221, 232, 179



152, 241, 249



227, 221, 255



255, 209, 204

Rectangle

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



221, 232, 179



172, 241, 213



227, 221, 255



255, 209, 239

Sweetspot

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



221, 232, 179



251, 255, 237



232, 190, 179



125, 128, 117



0, 0, 0



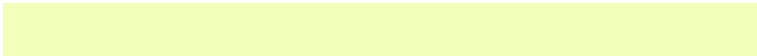
128, 128, 128

Same Dimension

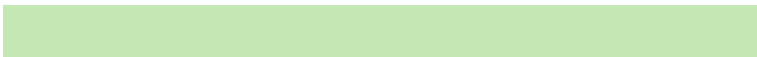
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 232, 179



241, 255, 186



195, 232, 179



112, 115, 103



141, 179, 0



40, 51, 0

Inverse Universe

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



190, 179, 232



200, 186, 255



216, 179, 232



106, 103, 115



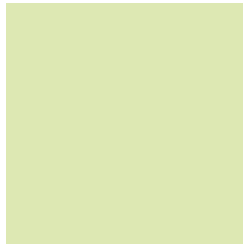
37, 0, 179



11, 0, 51

Previews

White Background



This preview shows how the RGB color 221, 232, 179 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 221, 232, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

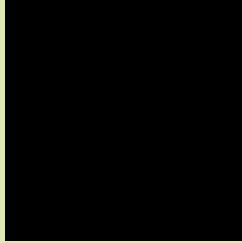
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

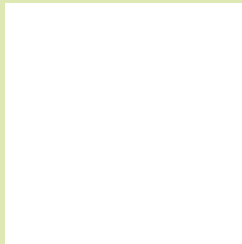
Any Text WCAG AAA ✓ Pass

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

RGB 221, 232, 179 Background



This preview shows how black text looks on a background with the RGB color 221, 232, 179.



This preview shows how white text looks on a background with the RGB color 221, 232, 179.

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](#).

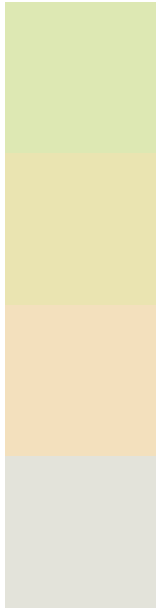
Dichromacy





Tritanopia
230, 224, 241

Trichromacy



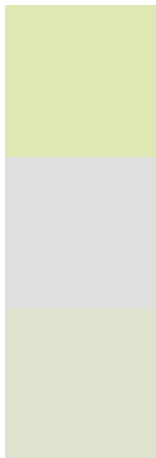
Original Color
221, 232, 179

Protanomaly
234, 228, 177

Deuteranomaly
243, 224, 189

Tritanomaly
227, 227, 218

Monochromacy



Original Color
221, 232, 179

Achromatopsia
223, 223, 223

Achromatomaly
222, 226, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 232, 179 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(221, 232, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 232, 179)  
}
```

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(221, 232, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 232, 179) }
```

Border

The CSS property to change the border of an element to RGB 221, 232, 179 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(221, 232, 179) }
```

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

```
.border{ border-color:rgb(221, 232, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 232, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 232, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 232, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 232,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 221, 232, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 232, 179) }
```

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

```
.background{ background-color: rgb(221,  
232, 179) }
```

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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