

Converting Colors

RGB(220, 227, 179)

Have a look what the booklet for
RGB(220, 227, 179) contains.

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Color

RGB(220, 227, 179)

Conversions

Conversions Part 1

Format	Color
Hex	DCE3B3
RGB	220, 227, 179
RGB Percent	86%, 89%, 70%
CMY	0.1373, 0.1098, 0.2980
CMYK	0.03, 0.00, 0.21, 0.11
HSL	69°, 46%, 80%
HSV	69°, 21%, 89%
XYZ	65.1210, 73.4085, 53.3848
YIQ	219.4350, 11.2360, -16.4120

Conversions

Conversions Part 2

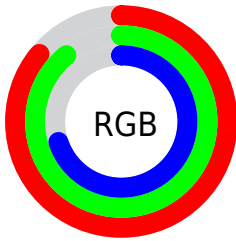
Format	Color
RYB	179, 227, 186
Decimal	14476211
CIELab	88.64, -10.25, 22.71
CIELCh	89, 24.919, 114.301
Yxy	73.4085, 0.3393, 0.3825
Android (android.graphics.Color)	4292666291 (0xFFDCE3B3)
YUV	219.4350, -19.9345, 0.4955
Hunter-Lab	85.6788, -14.2672, 23.0326

Details

The RGB color **220, 227, 179** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186, 179, 227**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 235**, and **165, 172, 126** is the 20% darker color. If you saturate the color by 10%, you get **217, 227, 156**, and if you desaturate by 10%, it is **223, 227, 202**.

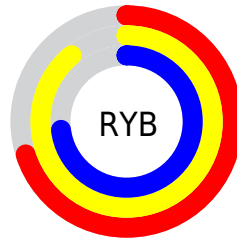
Distribution



Red (86%)

Green (89%)

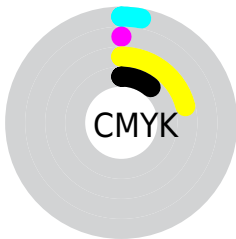
Blue (70%)



Red (70%)

Yellow (89%)

Blue (73%)

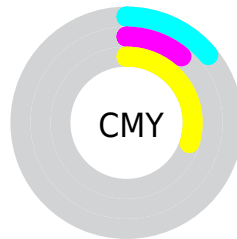


Cyan (3%)

Magenta (0%)

Yellow (21%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 227, 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 220, 227, 179 by changing the saturation by 10% instead.

 220, 227, 179


255, 255, 255

 255, 255, 235

 220, 227, 179

 192, 199, 152

 165, 172, 126


 138, 145, 101

 112, 120, 77

 87, 95, 53

 64, 71, 31

 41, 49, 9

 19, 28, 0

 0, 0, 0

■ 220, 227, 179

■ 220, 227, 179

■ 217, 227, 156

■ 223, 227, 202

■ 213, 227, 134

■ 227, 227, 224

■ 210, 227, 111

■ 230, 227, 247

■ 207, 227, 88

■ 233, 227, 255

■ 203, 227, 65

■ 237, 227, 255

■ 200, 227, 43

■ 240, 227, 255

■ 197, 227, 20

■ 243, 227, 255

■ 194, 227, 0

■ 246, 227, 255

■ 250, 227, 255

Harmonies

Analogous

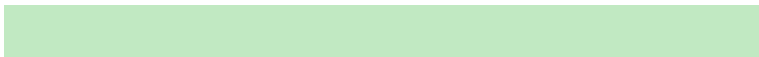
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 219, 176



220, 227, 179



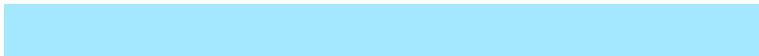
193, 233, 194

Triad

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



220, 227, 179



164, 232, 255



255, 206, 228

Complementary

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



220, 227, 179



186, 179, 227

Split Complementary

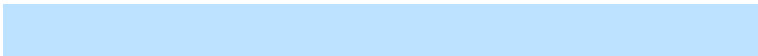
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 210, 251



220, 227, 179



189, 226, 255

Square

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



220, 227, 179



157, 236, 241



221, 218, 255



255, 207, 204

Rectangle

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



220, 227, 179



176, 235, 209



221, 218, 255



255, 207, 236

Sweetspot

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



220, 227, 179



253, 255, 240



227, 185, 179



126, 128, 119



0, 0, 0



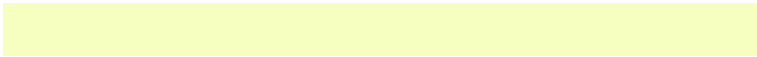
128, 128, 128

Same Dimension

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



220, 227, 179



246, 255, 191



197, 227, 179



113, 115, 103



152, 179, 0



44, 51, 0

Inverse Universe

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



186, 179, 227



201, 191, 255



209, 179, 227



105, 103, 115



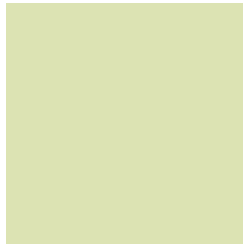
26, 0, 179



7, 0, 51

Previews

White Background



This preview shows how the RGB color 220, 227, 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 220, 227, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

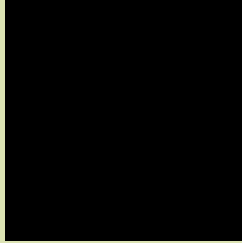
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

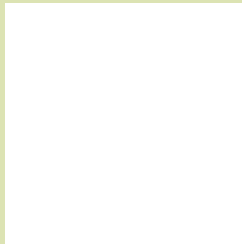
Any Text WCAG AAA ✓ Pass

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

RGB 220, 227, 179 Background



This preview shows how black text looks on a background with the RGB color 220, 227, 179.

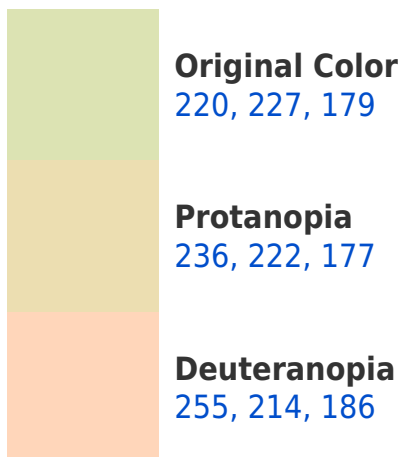


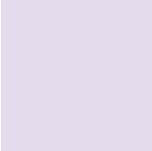
This preview shows how white text looks on a background with the RGB color 220, 227, 179.

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](#).

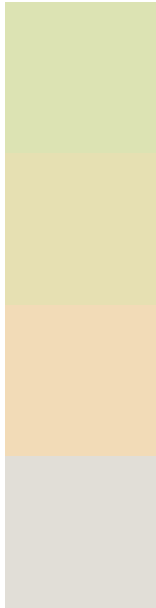
Dichromacy





Tritanopia
228, 219, 236

Trichromacy



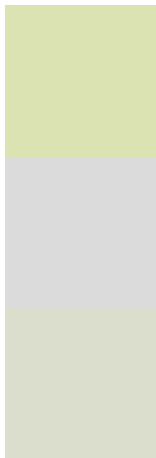
Original Color
220, 227, 179

Protanomaly
230, 224, 178

Deuteranomaly
242, 219, 183

Tritanomaly
225, 222, 215

Monochromacy



Original Color
220, 227, 179

Achromatopsia
219, 219, 219

Achromatomaly
219, 222, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 227, 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(220, 227, 179)` looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 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(220, 227, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 179) }
```

Border

The CSS property to change the border of an element to RGB 220, 227, 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(220, 227, 179) }
```

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

```
.border{ border-color:rgb(220, 227, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 227, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 179);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 220, 227, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 227, 179) }
```

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

```
.background{ background-color: rgb(220,  
227, 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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