

Converting Colors

RGB(222, 230, 199)

Have a look what the booklet for
RGB(222, 230, 199) contains.

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Color

RGB(222, 230, 199)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DEE6C7 |
| RGB | 222, 230, 199 |
| RGB Percent | 87%, 90%, 78% |
| CMY | 0.1294, 0.0980, 0.2196 |
| CMYK | 0.03, 0.00, 0.13, 0.10 |
| HSL | 75°, 38%, 84% |
| HSV | 75°, 13%, 90% |
| XYZ | 68.7298, 76.2467, 65.1275 |
| YIQ | 224.0740, 5.1830, -11.3370 |

Conversions

Conversions Part 2

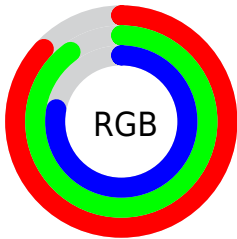
| Format | Color |
|-------------------------------------|--|
| RYB | 199, 230, 207 |
| Decimal | 14608071 |
| CIELab | 89.97, -8.00, 14.20 |
| CIELCh | 90, 16.298, 119.388 |
| Yxy | 76.2467, 0.3271, 0.3629 |
| Android (android.graphics.Color) | 4292798151 (0xFFDEE6C7) |
| YUV | 224.0740, -12.3615, -1.8189 |
| Hunter-Lab | 87.3194, -12.3101, 16.9019 |

Details

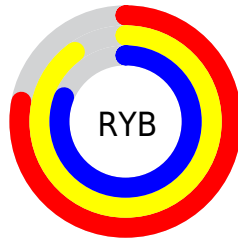
The RGB color **222, 230, 199** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **207, 199, 230**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **167, 175, 145** is the 20% darker color. If you saturate the color by 10%, you get **216, 230, 176**, and if you desaturate by 10%, it is **228, 230, 222**.

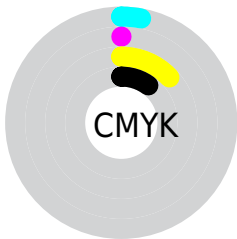
Distribution



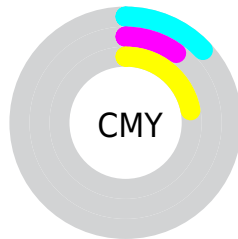
- Red (87%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 230, 199 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 222, 230, 199 by changing the saturation by 10% instead.

■ 222, 230, 199

255, 255, 255

■ 222, 230, 199

■ 194, 202, 172

■ 167, 175, 145

■ 140, 148, 119

■ 115, 122, 95

■ 90, 97, 71

■ 66, 74, 48

■ 44, 51, 27

■ 24, 30, 1

■ 0, 0, 0

 222, 230, 199

 222, 230, 199

 216, 230, 176

 228, 230, 222

 210, 230, 153


 234, 230, 245

 204, 230, 130


 240, 230, 255

 198, 230, 107


 246, 230, 255


 192, 230, 84


 252, 230, 255

 186, 230, 61

 255, 230, 255

 180, 230, 38

 175, 230, 15

 171, 230, 0

Harmonies

Analogous

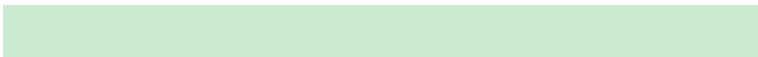
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 225, 195



222, 230, 199



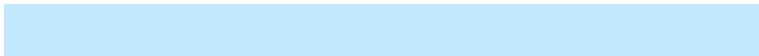
204, 234, 210

Triad

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



222, 230, 199



193, 232, 253



255, 216, 227

Complementary

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



222, 230, 199



207, 199, 230

Split Complementary

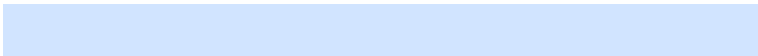
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 218, 242



222, 230, 199



209, 228, 255

Square

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



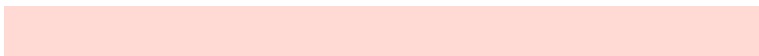
222, 230, 199



186, 235, 241



229, 222, 253



255, 217, 212

Rectangle

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



222, 230, 199



195, 235, 220



229, 222, 253



255, 216, 232

Sweetspot

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



222, 230, 199



252, 255, 245



230, 207, 199



126, 128, 121



0, 0, 0



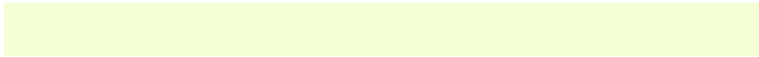
128, 128, 128

Same Dimension

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



222, 230, 199



244, 255, 214



207, 230, 199



112, 115, 103



132, 179, 0



38, 51, 0

Inverse Universe

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



207, 199, 230



225, 214, 255



222, 199, 230



106, 103, 115



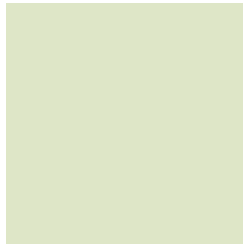
46, 0, 179



13, 0, 51

Previews

White Background



This preview shows how the RGB color 222, 230, 199 looks on a white background.

Color Contrast Check

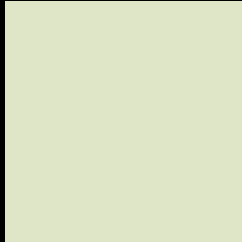
Large Text (above 18pt) WCAG AA × Fail

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 222, 230, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

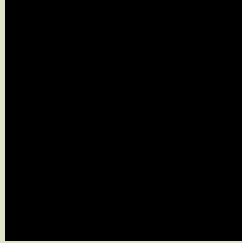
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

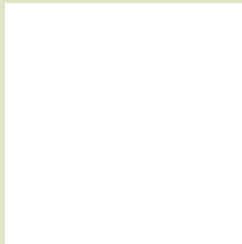
Any Text WCAG AAA ✓ Pass

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

RGB 222, 230, 199 Background



This preview shows how black text looks on a background with the RGB color 222, 230, 199.

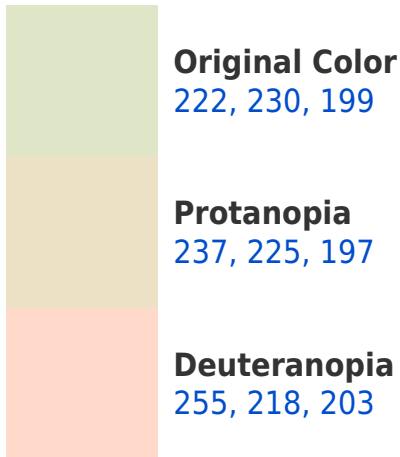


This preview shows how white text looks on a background with the RGB color 222, 230, 199.

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](#).

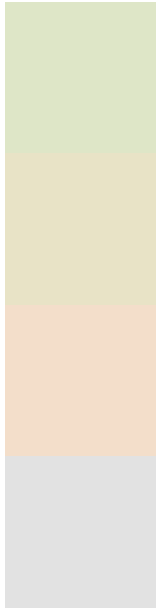
Dichromacy





Tritanopia
228, 224, 242

Trichromacy



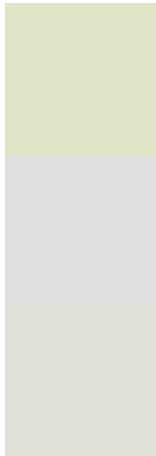
Original Color
222, 230, 199

Protanomaly
232, 227, 198

Deuteranomaly
243, 222, 202

Tritanomaly
226, 226, 226

Monochromacy



Original Color
222, 230, 199

Achromatopsia
224, 224, 224

Achromatomaly
223, 226, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 230, 199 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(222, 230, 199)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 199)  
}
```

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(222, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 199) }
```

Border

The CSS property to change the border of an element to RGB 222, 230, 199 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(222, 230, 199) }
```

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

```
.border{ border-color:rgb(222, 230, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 199);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 222, 230, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 199) }
```

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

```
.background{ background-color: rgb(222,  
230, 199) }
```

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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