

Converting Colors

RGB(220, 232, 221)

Have a look what the booklet for
RGB(220, 232, 221) contains.

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Color

RGB(220, 232, 221)

Conversions

Conversions Part 1

Format	Color
Hex	DCE8DD
RGB	220, 232, 221
RGB Percent	86%, 91%, 87%
CMY	0.1373, 0.0902, 0.1333
CMYK	0.05, 0.00, 0.05, 0.09
HSL	125°, 21%, 89%
HSV	125°, 5%, 91%
XYZ	71.4230, 78.1493, 79.7265
YIQ	227.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

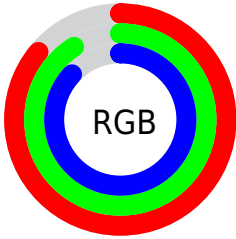
Format	Color
R _Y B	220, 231, 232
Decimal	14477533
CIE Lab	90.85, -5.98, 3.96
CIE LCh	91, 7.169, 146.511
Yxy	78.1493, 0.3115, 0.3408
Android (android.graphics.Color)	4292667613 (0xFFDCE8DD)
YUV	227.1580, -3.0359, -6.2776
Hunter-Lab	88.4021, -10.4877, 8.4100

Details

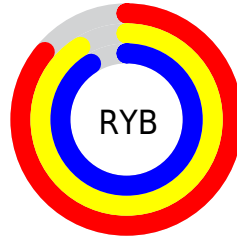
The RGB color **220, 232, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **232, 220, 231**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 176, 166** is the 20% darker color. If you saturate the color by 10%, you get **197, 232, 200**, and if you desaturate by 10%, it is **243, 232, 242**.

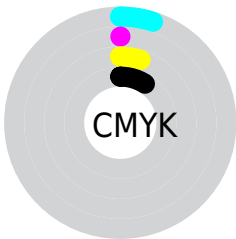
Distribution



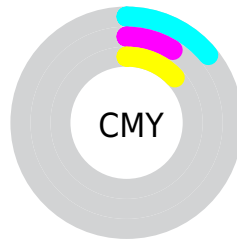
- Red (86%)
- Green (91%)
- Blue (87%)



- Red (86%)
- Yellow (91%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 232, 221 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, 232, 221 by changing the saturation by 10% instead.

■ 220, 232, 221

255, 255, 255

■ 220, 232, 221

■ 192, 204, 193

■ 165, 176, 166

■ 139, 150, 140

■ 113, 124, 114

■ 89, 99, 90

■ 65, 75, 66

■ 43, 53, 44

■ 23, 31, 24

■ 0, 6, 0

 220, 232, 221

 220, 232, 221

 197, 232, 200

 243, 232, 242

 174, 232, 178

 255, 232, 255

 150, 232, 157

 127, 232, 136

 104, 232, 115

 81, 232, 93

 58, 232, 72

 34, 232, 51

 11, 232, 30

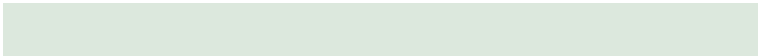
Harmonies

Analogous

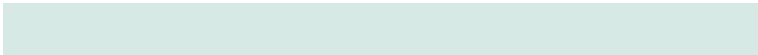
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 230, 216



220, 232, 221



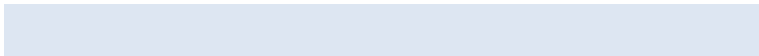
214, 233, 228

Triad

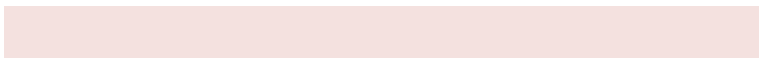
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 232, 221



221, 230, 242



244, 225, 223

Complementary

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



220, 232, 221



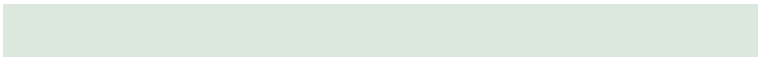
232, 220, 231

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.



243, 224, 230



220, 232, 221



229, 227, 241

Square

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



220, 232, 221



215, 232, 240



237, 225, 236



242, 226, 218

Rectangle

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



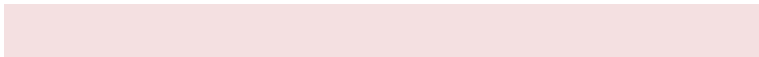
220, 232, 221



212, 233, 232



237, 225, 236



244, 224, 225

Sweetspot

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



220, 232, 221



250, 255, 250



231, 232, 220



125, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

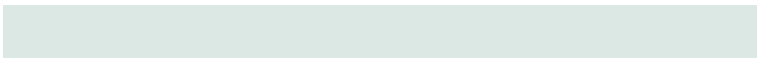
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 232, 221



240, 255, 241



220, 232, 227



107, 115, 107



0, 179, 15



0, 51, 4

Inverse Universe

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



232, 220, 231



255, 240, 254



232, 220, 225



115, 107, 114



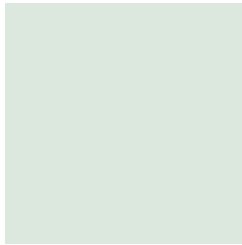
179, 0, 164



51, 0, 47

Previews

White Background



This preview shows how the RGB color 220, 232, 221 looks on a white background.

Color Contrast Check

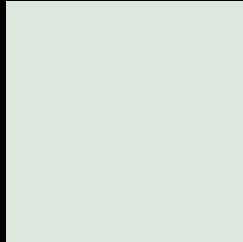
Large Text (above 18pt) WCAG AA × Fail

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, 232, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

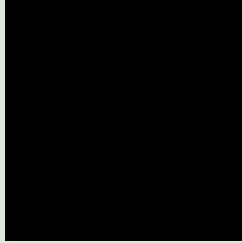
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

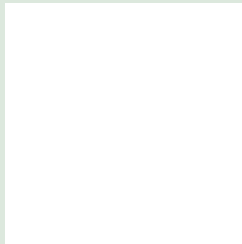
Any Text WCAG AAA ✓ Pass

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

RGB 220, 232, 221 Background



This preview shows how black text looks on a background with the RGB color 220, 232, 221.

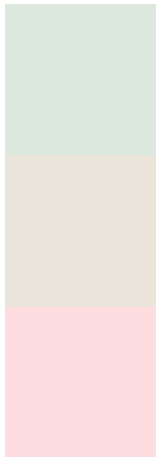


This preview shows how white text looks on a background with the RGB color 220, 232, 221.

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



Original Color
220, 232, 221

Protanopia
235, 228, 219

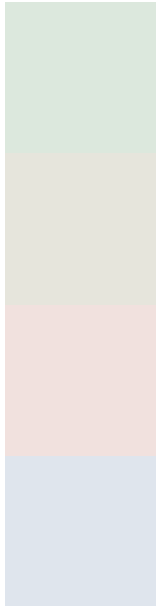
Deuteranopia
253, 221, 223



Tritanopia

224, 228, 246

Trichromacy



Original Color

220, 232, 221

Protanomaly

230, 229, 220

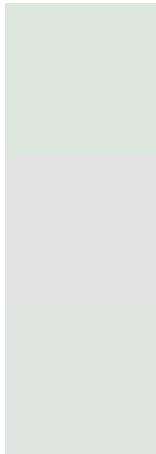
Deuteranomaly

241, 225, 222

Tritanomaly

223, 229, 237

Monochromacy



Original Color

220, 232, 221

Achromatopsia

227, 227, 227

Achromatomaly

224, 229, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 232, 221 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, 232, 221)` looks like.

```
.text, #text, p{  
    color:rgb(220, 232, 221)  
}
```

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, 232, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 232, 221) }
```

Border

The CSS property to change the border of an element to RGB 220, 232, 221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

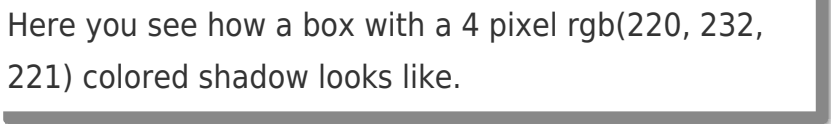
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 232, 221) }
```

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

```
.border{ border-color:rgb(220, 232, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 232, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 232, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 232, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 232,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 220, 232, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 232, 221) }
```

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

```
.background{ background-color: rgb(220,  
232, 221) }
```

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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