

Converting Colors

RGB(221, 240, 229)

Have a look what the booklet for
RGB(221, 240, 229) contains.

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Color

RGB(221, 240, 229)

Conversions

Conversions Part 1

Format	Color
Hex	DDF0E5
RGB	221, 240, 229
RGB Percent	87%, 94%, 90%
CMY	0.1333, 0.0588, 0.1020
CMYK	0.08, 0.00, 0.05, 0.06
HSL	145°, 39%, 90%
HSV	145°, 8%, 94%
XYZ	75.1217, 83.3495, 86.2575
YIQ	233.0650, -7.7930, -7.4490

Conversions

Conversions Part 2

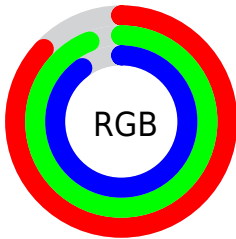
Format	Color
R_{YB}	221, 234, 240
Decimal	14545125
CIE _{Lab}	93.17, -8.26, 3.16
CIE _{LCh}	93, 8.845, 159.061
Yxy	83.3495, 0.3070, 0.3406
Android (android.graphics.Color)	4292735205 (0xFFDDDF0E5)
YUV	233.0650, -2.0040, -10.5810
Hunter-Lab	91.2959, -12.8913, 7.8893

Details

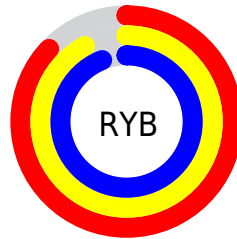
The RGB color **221, 240, 229** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240, 221, 232**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 184, 174** is the 20% darker color. If you saturate the color by 10%, you get **197, 240, 215**, and if you desaturate by 10%, it is **245, 240, 243**.

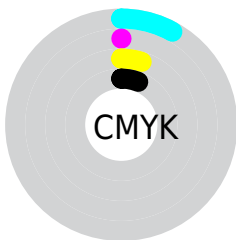
Distribution



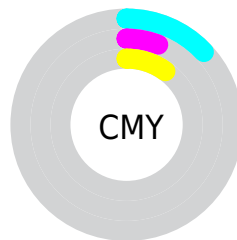
- Red (87%)
- Green (94%)
- Blue (90%)



- Red (87%)
- Yellow (92%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 240, 229 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, 240, 229 by changing the saturation by 10% instead.

■ 221, 240, 229

255, 255, 255

■ 221, 240, 229

■ 193, 212, 201

■ 166, 184, 174

■ 139, 157, 147

■ 114, 131, 121

■ 89, 106, 97

■ 66, 82, 73

■ 44, 59, 50

■ 23, 37, 29

■ 0, 16, 3

 221, 240, 229

 221, 240, 229

 197, 240, 215


 245, 240, 243

 173, 240, 201

 255, 240, 255

 149, 240, 187

 125, 240, 173

 101, 240, 160

 77, 240, 146

 53, 240, 132

 29, 240, 118

 5, 240, 104

Harmonies

Analogous

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



230, 238, 222



221, 240, 229



215, 241, 238

Triad

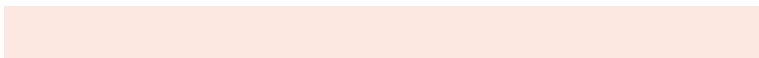
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 240, 229



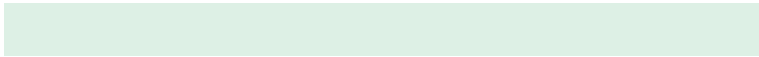
230, 235, 252



253, 231, 225

Complementary

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



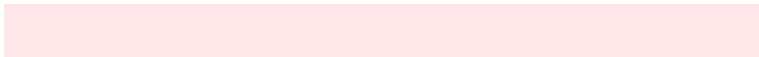
221, 240, 229



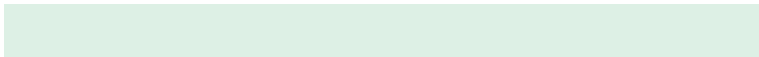
240, 221, 232

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.



254, 230, 233



221, 240, 229



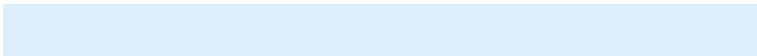
240, 232, 249

Square

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



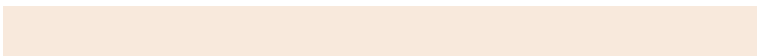
221, 240, 229



221, 238, 251



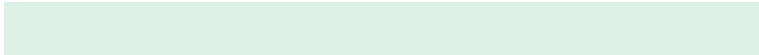
249, 230, 242



248, 233, 220

Rectangle

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



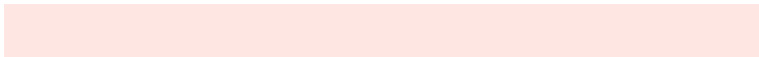
221, 240, 229



215, 240, 243



249, 230, 242



254, 230, 227

Sweetspot

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



221, 240, 229



250, 255, 252



232, 240, 221



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

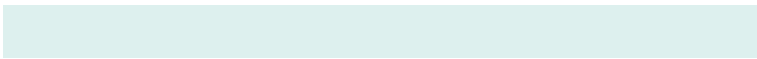
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 240, 229



230, 255, 240



221, 240, 238



108, 120, 113



0, 184, 77



0, 56, 24

Inverse Universe

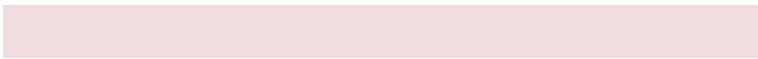
The Inverse Universe completely reimagines the original color for something new.



240, 221, 232



255, 230, 244



240, 221, 223



120, 108, 115



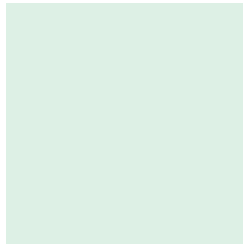
184, 0, 106



56, 0, 32

Previews

White Background



This preview shows how the RGB color 221, 240, 229 looks on a white background.

Color Contrast Check

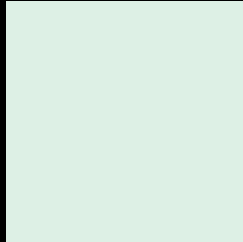
Large Text (above 18pt) WCAG AA × Fail

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, 240, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

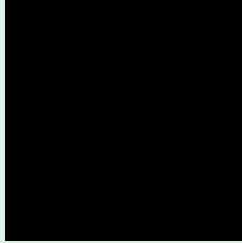
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

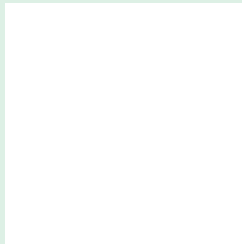
Any Text WCAG AAA ✓ Pass

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

RGB 221, 240, 229 Background



This preview shows how black text looks on a background with the RGB color 221, 240, 229.



This preview shows how white text looks on a background with the RGB color 221, 240, 229.

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](#).

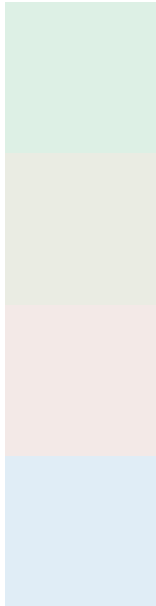
Dichromacy





Tritanopia
225, 236, 255

Trichromacy



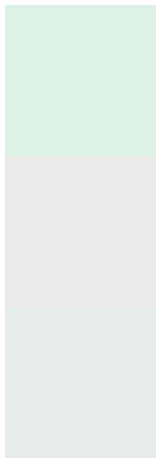
Original Color
221, 240, 229

Protanomaly
234, 236, 227

Deuteranomaly
243, 233, 231

Tritanomaly
224, 237, 246

Monochromacy



Original Color
221, 240, 229

Achromatopsia
233, 233, 233

Achromatomaly
229, 236, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 240, 229 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, 240, 229)` looks like.

```
.text, #text, p{  
    color:rgb(221, 240, 229)  
}
```

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, 240, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 240, 229) }
```

Border

The CSS property to change the border of an element to RGB 221, 240, 229 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, 240, 229) }
```

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

```
.border{ border-color:rgb(221, 240, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 240, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 240, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 240, 229);  
box-shadow:4px 4px 4px 4px rgb(221, 240,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 221, 240, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 240, 229) }
```

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

```
.background{ background-color: rgb(221,  
240, 229) }
```

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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