

Converting Colors

RGB(221, 238, 240)

Have a look what the booklet for
RGB(221, 238, 240) contains.

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Color

RGB(221, 238, 240)

Conversions

Conversions Part 1

Format	Color
Hex	DDEEF0
RGB	221, 238, 240
RGB Percent	87%, 93%, 94%
CMY	0.1333, 0.0667, 0.0588
CMYK	0.08, 0.01, 0.00, 0.06
HSL	186°, 39%, 90%
HSV	186°, 8%, 94%
XYZ	76.1215, 82.8125, 94.4105
YIQ	233.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

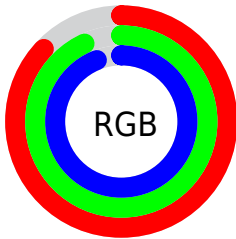
Format	Color
R _Y B	221, 230, 240
Decimal	14544624
CIE Lab	92.93, -5.21, -2.90
CIE LCh	93, 5.959, 209.120
Yxy	82.8125, 0.3005, 0.3269
Android (android.graphics.Color)	4292734704 (0xFFDDEEF0)
YUV	233.1450, 3.3795, -10.6512
Hunter-Lab	91.0014, -9.9394, 2.1898

Details

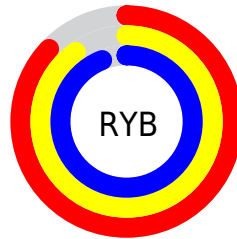
The RGB color **221, 238, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240, 223, 221**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 182, 184** is the 20% darker color. If you saturate the color by 10%, you get **197, 235, 240**, and if you desaturate by 10%, it is **245, 241, 240**.

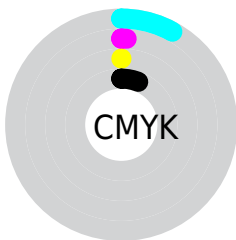
Distribution



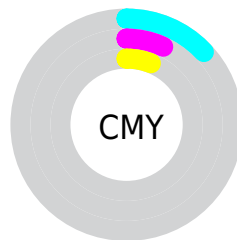
- Red (87%)
- Green (93%)
- Blue (94%)



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



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 238, 240 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, 238, 240 by changing the saturation by 10% instead.

■ 221, 238, 240

255, 255, 255

■ 221, 238, 240

■ 193, 210, 212

■ 166, 182, 184

■ 139, 155, 157

■ 114, 129, 131

■ 89, 104, 106

■ 66, 80, 82

■ 43, 57, 59

■ 22, 36, 37

■ 0, 14, 16

 221, 238, 240

 221, 238, 240

 197, 235, 240

 245, 241, 240

 173, 233, 240


 255, 243, 240

 149, 230, 240

 255, 246, 240

 125, 228, 240

 255, 248, 240

 101, 225, 240

 255, 251, 240

 77, 223, 240

 255, 253, 240

 53, 220, 240

 255, 255, 240

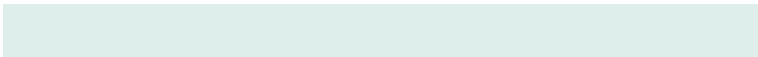
 29, 218, 240

 5, 215, 240

Harmonies

Analogous

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



222, 238, 234



221, 238, 240



223, 237, 244

Triad

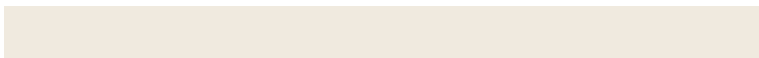
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 238, 240



242, 232, 241



240, 234, 223

Complementary

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



221, 238, 240



240, 223, 221

Split Complementary

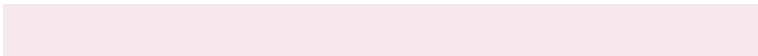
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 232, 225



221, 238, 240



246, 231, 235

Square

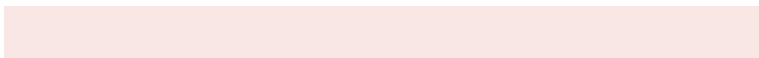
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 238, 240



236, 233, 245



248, 231, 229



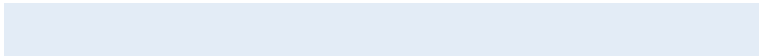
233, 236, 225

Rectangle

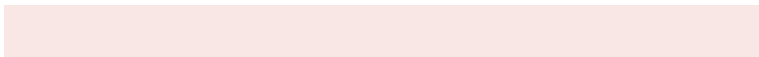
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



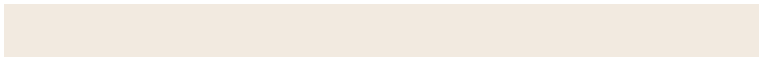
221, 238, 240



227, 236, 246



248, 231, 229



242, 234, 224

Sweetspot

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



221, 238, 240



250, 254, 255



221, 240, 223



125, 127, 128



0, 0, 0



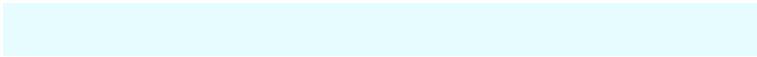
128, 128, 128

Same Dimension

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



221, 238, 240



230, 252, 255



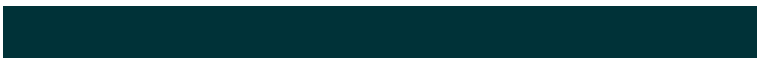
221, 229, 240



108, 119, 120



0, 164, 184



0, 50, 56

Inverse Universe

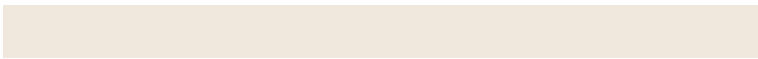
The Inverse Universe completely reimagines the original color for something new.



240, 221, 238



255, 230, 252



240, 232, 221



120, 108, 119



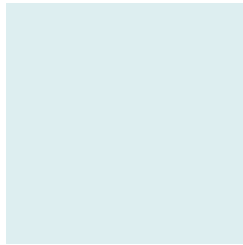
184, 0, 164



56, 0, 50

Previews

White Background



This preview shows how the RGB color 221, 238, 240 looks on a white background.

Color Contrast Check

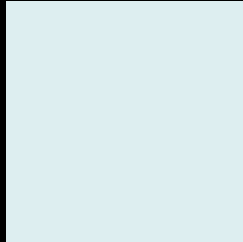
Large Text (above 18pt) WCAG AA × Fail

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, 238, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

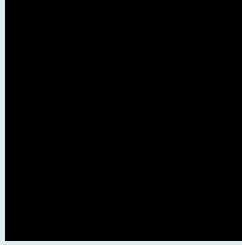
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

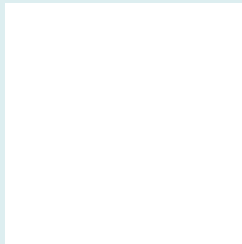
Any Text WCAG AAA ✓ Pass

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

RGB 221, 238, 240 Background



This preview shows how black text looks on a background with the RGB color 221, 238, 240.

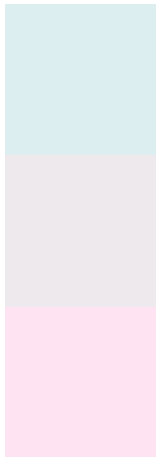


This preview shows how white text looks on a background with the RGB color 221, 238, 240.

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
221, 238, 240

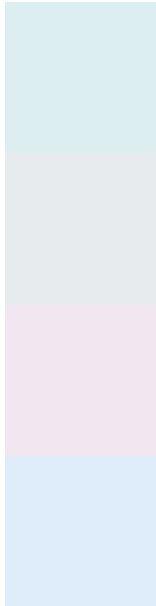
Protanopia
238, 233, 237

Deuteranopia
254, 227, 242



Tritanopia
223, 236, 254

Trichromacy



Original Color

221, 238, 240

Protanomaly

232, 235, 238

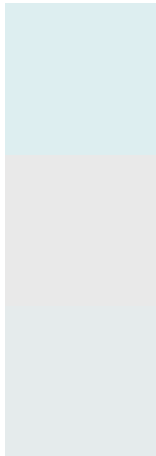
Deuteranomaly

242, 231, 241

Tritanomaly

222, 237, 249

Monochromacy



Original Color

221, 238, 240

Achromatopsia

233, 233, 233

Achromatomaly

229, 235, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 238, 240 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, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 240)  
}
```

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, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 240) }
```

Border

The CSS property to change the border of an element to RGB 221, 238, 240 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, 238, 240) }
```

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

```
.border{ border-color:rgb(221, 238, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 221, 238, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 240) }
```

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

```
.background{ background-color: rgb(221,  
238, 240) }
```

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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