

Converting Colors

RGB(219, 240, 243)

Have a look what the booklet for
RGB(219, 240, 243) contains.

RGB(219, 240, 243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(219, 240, 243)

Conversions

Conversions Part 1

Format	Color
Hex	DBF0F3
RGB	219, 240, 243
RGB Percent	86%, 94%, 95%
CMY	0.1412, 0.0588, 0.0471
CMYK	0.10, 0.01, 0.00, 0.05
HSL	187°, 50%, 91%
HSV	187°, 10%, 95%
XYZ	76.5512, 83.8513, 96.9443
YIQ	234.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

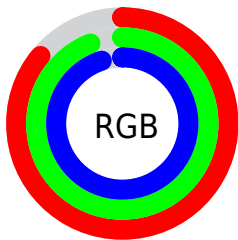
Format	Color
R _Y B	219, 230, 243
Decimal	14414067
CIE Lab	93.39, -6.29, -3.81
CIE LCh	93, 7.353, 211.201
Yxy	83.8513, 0.2975, 0.3258
Android (android.graphics.Color)	4292604147 (0xFFDBF0F3)
YUV	234.0630, 4.4059, -13.2103
Hunter-Lab	91.5704, -11.0254, 1.3298

Details

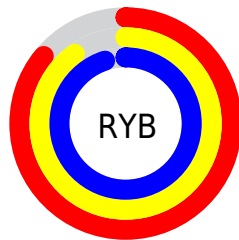
The RGB color **219, 240, 243** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 222, 219**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 184, 187** is the 20% darker color. If you saturate the color by 10%, you get **195, 237, 243**, and if you desaturate by 10%, it is **243, 243, 243**.

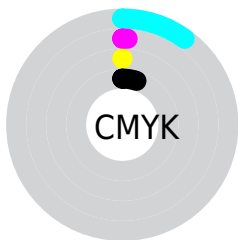
Distribution



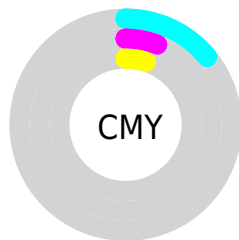
- Red (86%)
- Green (94%)
- Blue (95%)



- Red (86%)
- Yellow (90%)
- Blue (95%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 240, 243 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 219, 240, 243 by changing the saturation by 10% instead.

■ 219, 240, 243

255, 255, 255

■ 219, 240, 243

■ 191, 212, 215

■ 164, 184, 187

■ 137, 157, 160

■ 112, 131, 134

■ 87, 106, 109

■ 64, 82, 84

■ 41, 59, 61

■ 20, 37, 39

■ 0, 16, 19

 219, 240, 243

 219, 240, 243

 195, 237, 243

 243, 243, 243

 170, 234, 243

 255, 246, 243

 146, 231, 243

 255, 249, 243

 122, 228, 243

 255, 252, 243

 97, 225, 243

 255, 255, 243

 73, 222, 243

 49, 219, 243

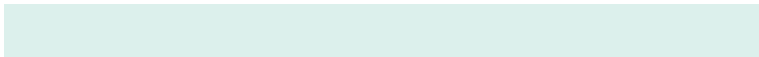
 25, 216, 243

 0, 213, 243

Harmonies

Analogous

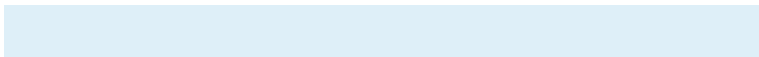
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 240, 236



219, 240, 243



222, 239, 248

Triad

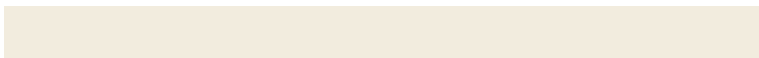
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 240, 243



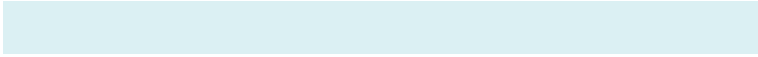
246, 232, 243



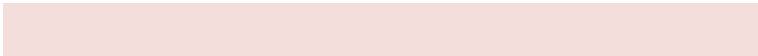
242, 236, 222

Complementary

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



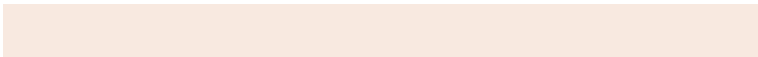
219, 240, 243



243, 222, 219

Split Complementary

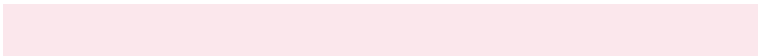
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 233, 224



219, 240, 243



251, 231, 236

Square

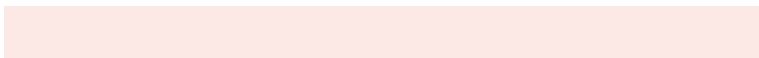
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219, 240, 243



238, 234, 248



252, 232, 229



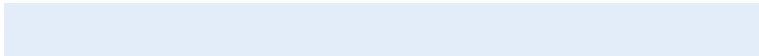
234, 238, 224

Rectangle

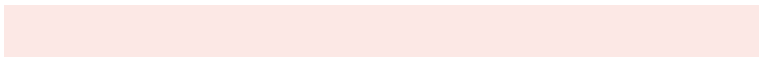
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



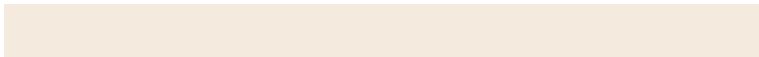
219, 240, 243



227, 237, 250



252, 232, 229



244, 235, 222

Sweetspot

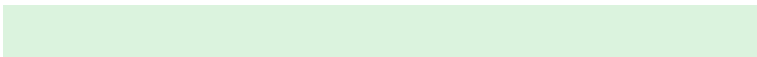
The Sweet Spot groups the original color and five complimentary colors.



219, 240, 243



247, 254, 255



219, 243, 222



122, 127, 128



0, 0, 0



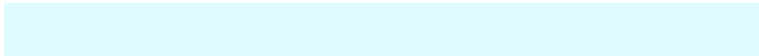
128, 128, 128

Same Dimension

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



219, 240, 243



224, 251, 255



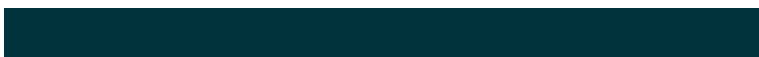
219, 228, 243



110, 121, 122



0, 163, 186



0, 51, 59

Inverse Universe

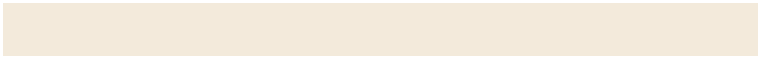
The Inverse Universe completely reimagines the original color for something new.



243, 219, 240



255, 224, 251



243, 234, 219



122, 110, 121



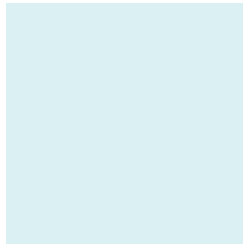
186, 0, 163



59, 0, 51

Previews

White Background



This preview shows how the RGB color 219, 240, 243 looks on a white background.

Color Contrast Check

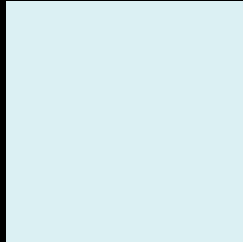
Large Text (above 18pt) WCAG AA × Fail

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 219, 240, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

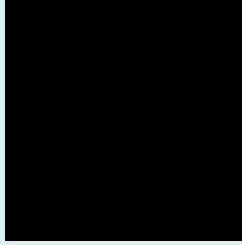
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

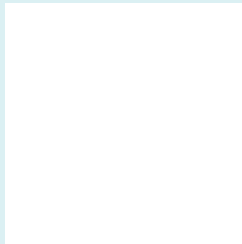
Any Text WCAG AAA ✓ Pass

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

RGB 219, 240, 243 Background



This preview shows how black text looks on a background with the RGB color 219, 240, 243.



This preview shows how white text looks on a background with the RGB color 219, 240, 243.

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](#).

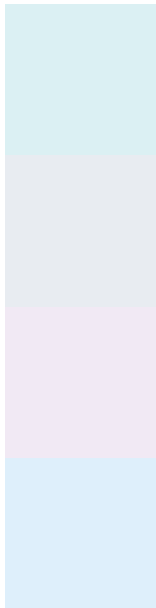
Dichromacy





Tritanopia
223, 238, 255

Trichromacy



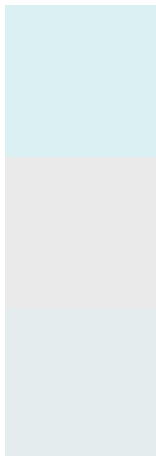
Original Color
219, 240, 243

Protanomaly
232, 236, 241

Deuteranomaly
241, 233, 244

Tritanomaly
222, 239, 251

Monochromacy



Original Color
219, 240, 243

Achromatopsia
234, 234, 234

Achromatomaly
229, 236, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 240, 243 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(219, 240, 243)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 243)  
}
```

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(219, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 243) }
```

Border

The CSS property to change the border of an element to RGB 219, 240, 243 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(219, 240, 243) }
```

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

```
.border{ border-color:rgb(219, 240, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 219, 240, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 243) }
```

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

```
.background{ background-color: rgb(219,  
240, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor