

Converting Colors

RGB(217, 244, 249)

Have a look what the booklet for
RGB(217, 244, 249) contains.

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Color

RGB(217, 244, 249)

Conversions

Conversions Part 1

Format	Color
Hex	D9F4F9
RGB	217, 244, 249
RGB Percent	85%, 96%, 98%
CMY	0.1490, 0.0431, 0.0235
CMYK	0.13, 0.02, 0.00, 0.02
HSL	189°, 73%, 91%
HSV	189°, 13%, 98%
XYZ	78.0648, 86.2926, 102.1642
YIQ	236.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

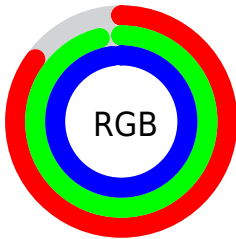
Format	Color
R _Y B	217, 232, 249
Decimal	14284025
CIE Lab	94.44, -7.78, -5.39
CIE LCh	94, 9.460, 214.728
Yxy	86.2926, 0.2929, 0.3238
Android (android.graphics.Color)	4292474105 (0xFFD9F4F9)
YUV	236.4970, 6.1640, -17.0989
Hunter-Lab	92.8938, -12.5588, -0.1812

Details

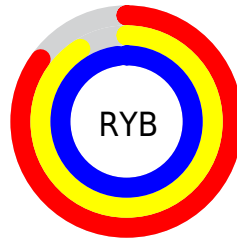
The RGB color **217, 244, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **249, 222, 217**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 188, 193** is the 20% darker color. If you saturate the color by 10%, you get **192, 240, 249**, and if you desaturate by 10%, it is **242, 248, 249**.

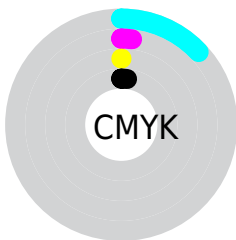
Distribution



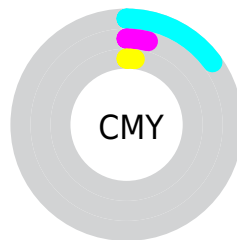
- Red (85%)
- Green (96%)
- Blue (98%)



- Red (85%)
- Yellow (91%)
- Blue (98%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 244, 249 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 217, 244, 249 by changing the saturation by 10% instead.

■ 217, 244, 249

255, 255, 255

■ 217, 244, 249

■ 189, 216, 220

■ 162, 188, 193

■ 135, 161, 165

■ 110, 135, 139

■ 85, 109, 114

■ 61, 85, 89

■ 39, 62, 66

■ 17, 40, 44

■ 0, 20, 23

 217, 244, 249

 217, 244, 249

 192, 240, 249

 242, 248, 249

 167, 236, 249

 255, 252, 249

 142, 232, 249

 255, 255, 249

 117, 228, 249

 93, 225, 249

 68, 221, 249

 43, 217, 249

 18, 213, 249

 0, 210, 249

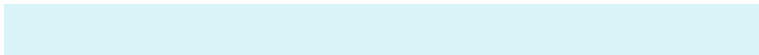
Harmonies

Analogous

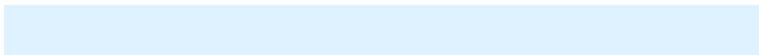
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 245, 240



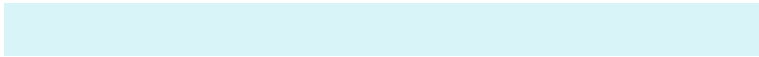
217, 244, 249



222, 242, 255

Triad

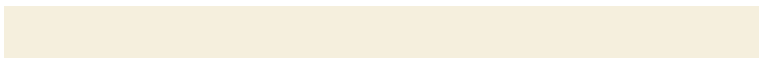
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 244, 249



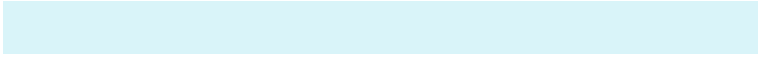
253, 234, 247



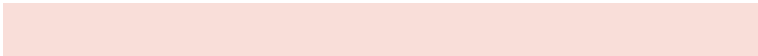
245, 239, 221

Complementary

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



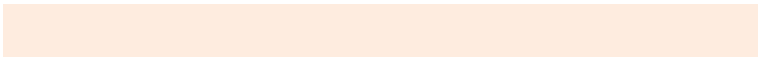
217, 244, 249



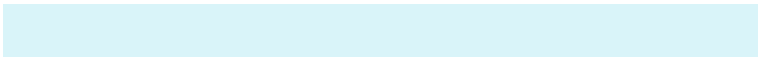
249, 222, 217

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, 236, 223



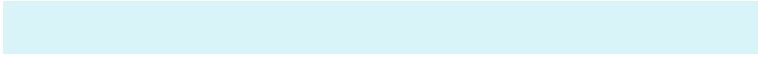
217, 244, 249



255, 233, 238

Square

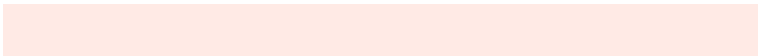
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217, 244, 249



243, 236, 254



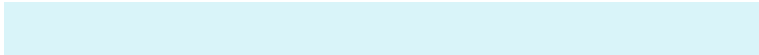
255, 234, 229



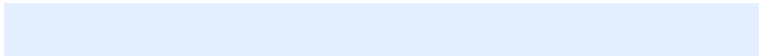
235, 242, 224

Rectangle

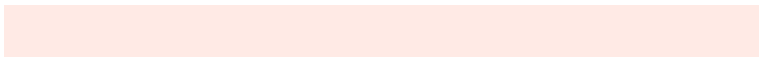
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217, 244, 249



228, 240, 255



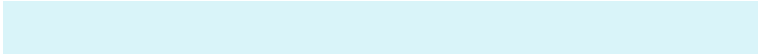
255, 234, 229



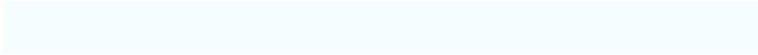
249, 238, 221

Sweetspot

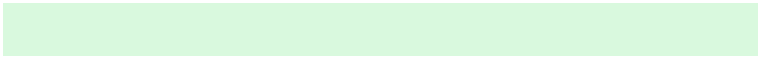
The Sweet Spot groups the original color and five complimentary colors.



217, 244, 249



245, 253, 255



217, 249, 222



121, 127, 128



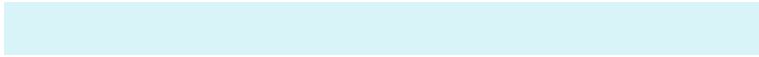
0, 0, 0



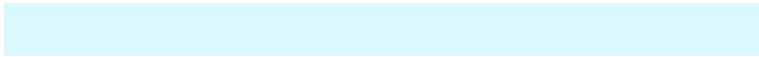
128, 128, 128

Same Dimension

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



217, 244, 249



217, 249, 255



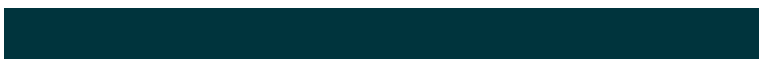
217, 228, 249



112, 123, 125



0, 159, 189



0, 52, 61

Inverse Universe

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



249, 217, 244



255, 217, 249



249, 238, 217



125, 112, 123



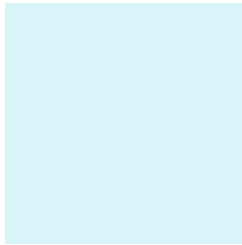
189, 0, 159



61, 0, 52

Previews

White Background



This preview shows how the RGB color 217, 244, 249 looks on a white background.

Color Contrast Check

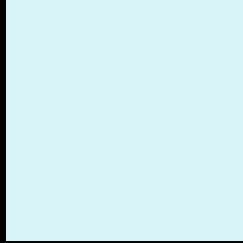
Large Text (above 18pt) WCAG AA × Fail

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 217, 244, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

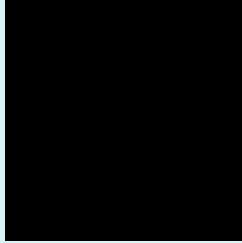
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

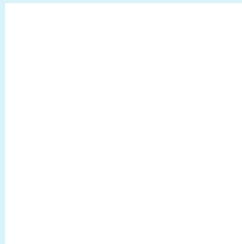
Any Text WCAG AAA ✓ Pass

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

RGB 217, 244, 249 Background



This preview shows how black text looks on a background with the RGB color 217, 244, 249.



This preview shows how white text looks on a background with the RGB color 217, 244, 249.

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

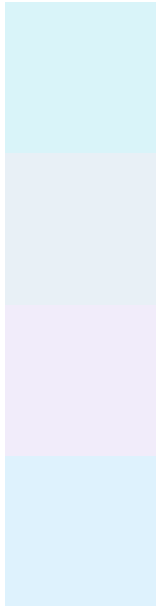




Tritanopia

225, 241, 255

Trichromacy



Original Color

217, 244, 249

Protanomaly

232, 240, 246

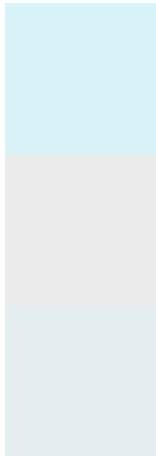
Deuteranomaly

241, 236, 250

Tritanomaly

222, 242, 253

Monochromacy



Original Color

217, 244, 249

Achromatopsia

236, 236, 236

Achromatomaly

229, 239, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 244, 249 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(217, 244, 249)` looks like.

```
.text, #text, p{  
    color:rgb(217, 244, 249)  
}
```

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(217, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 244, 249) }
```

Border

The CSS property to change the border of an element to RGB 217, 244, 249 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(217, 244, 249) }
```

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

```
.border{ border-color:rgb(217, 244, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 244, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 244, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 244, 249);  
box-shadow:4px 4px 4px 4px rgb(217, 244,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 217, 244, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 244, 249) }
```

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

```
.background{ background-color: rgb(217,  
244, 249) }
```

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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