

Converting Colors

RGB(219, 242, 247)

Have a look what the booklet for
RGB(219, 242, 247) contains.

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Color

RGB(219, 242, 247)

Conversions

Conversions Part 1

Format	Color
Hex	DBF2F7
RGB	219, 242, 247
RGB Percent	86%, 95%, 97%
CMY	0.1412, 0.0510, 0.0314
CMYK	0.11, 0.02, 0.00, 0.03
HSL	191°, 64%, 91%
HSV	191°, 11%, 97%
XYZ	77.7540, 85.2797, 100.3582
YIQ	235.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

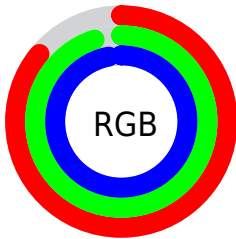
Format	Color
R _{YB}	219, 232, 247
Decimal	14414583
CIE Lab	94.00, -6.53, -4.98
CIE LCh	94, 8.208, 217.323
Yxy	85.2797, 0.2952, 0.3238
Android (android.graphics.Color)	4292604663 (0xFFDBF2F7)
YUV	235.6930, 5.5744, -14.6398
Hunter-Lab	92.3470, -11.3144, 0.2094

Details

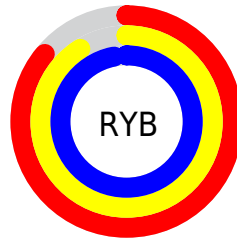
The RGB color **219, 242, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 224, 219**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 186, 191** is the 20% darker color. If you saturate the color by 10%, you get **194, 238, 247**, and if you desaturate by 10%, it is **244, 246, 247**.

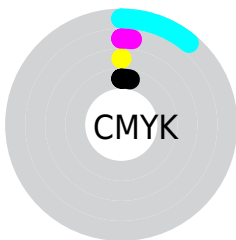
Distribution



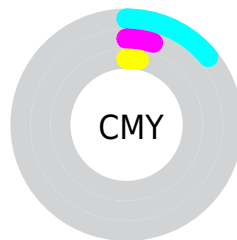
- Red (86%)
- Green (95%)
- Blue (97%)



- Red (86%)
- Yellow (91%)
- Blue (97%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 242, 247 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, 242, 247 by changing the saturation by 10% instead.

219, 242, 247

255, 255, 255

219, 242, 247

191, 214, 219

164, 186, 191

137, 159, 164

112, 133, 137

87, 108, 112

63, 83, 88

41, 60, 64

19, 39, 42

0, 18, 22

219, 242, 247

219, 242, 247

194, 238, 247

244, 246, 247

170, 233, 247

255, 251, 247

145, 229, 247

255, 255, 247

120, 224, 247

95, 220, 247

71, 216, 247

46, 211, 247

21, 207, 247

0, 203, 247

Harmonies

Analogous

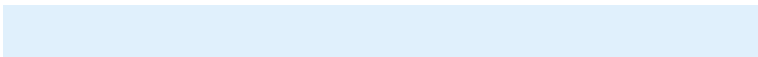
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 243, 239



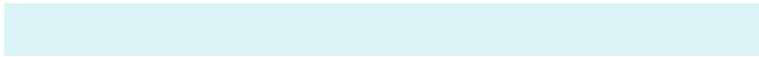
219, 242, 247



224, 240, 252

Triad

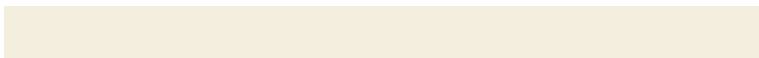
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 242, 247



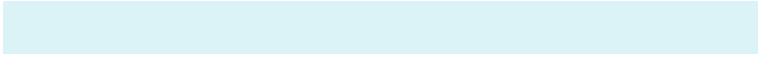
250, 233, 244



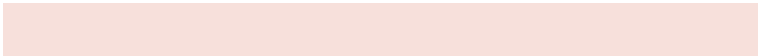
243, 238, 222

Complementary

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



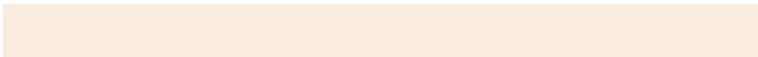
219, 242, 247



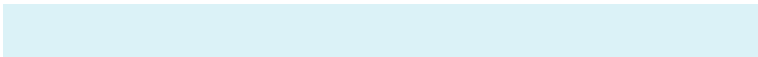
247, 224, 219

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.



250, 235, 223



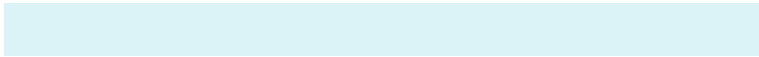
219, 242, 247



255, 233, 236

Square

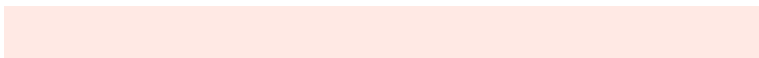
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



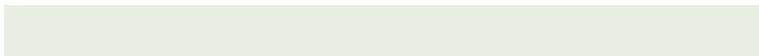
219, 242, 247



242, 235, 250



255, 233, 228



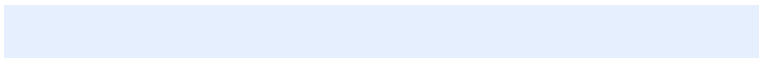
233, 240, 225

Rectangle

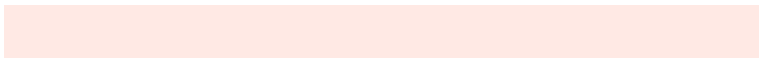
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



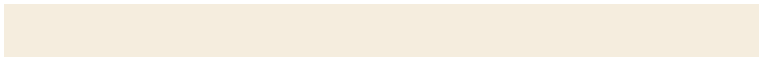
219, 242, 247



229, 239, 253



255, 233, 228



245, 237, 222

Sweetspot

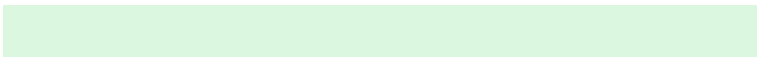
The Sweet Spot groups the original color and five complimentary colors.



219, 242, 247



247, 254, 255



219, 247, 224



122, 127, 128



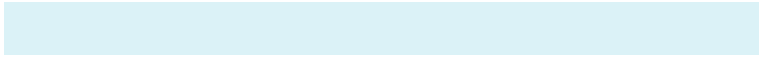
0, 0, 0



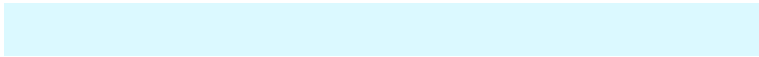
128, 128, 128

Same Dimension

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



219, 242, 247



219, 249, 255



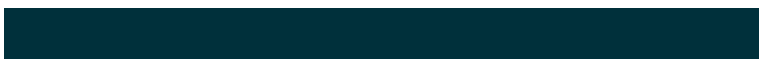
219, 228, 247



110, 120, 122



0, 153, 186



0, 48, 59

Inverse Universe

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



247, 219, 242



255, 219, 249



247, 238, 219



122, 110, 120



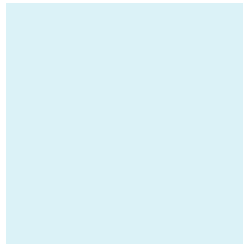
186, 0, 153



59, 0, 48

Previews

White Background



This preview shows how the RGB color 219, 242, 247 looks on a white background.

Color Contrast Check

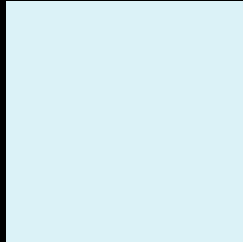
Large Text (above 18pt) WCAG AA × Fail

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, 242, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

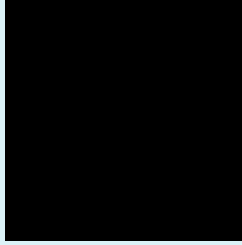
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

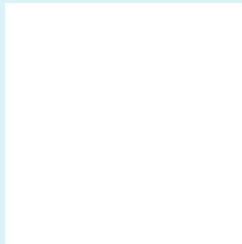
Any Text WCAG AAA ✓ Pass

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

RGB 219, 242, 247 Background



This preview shows how black text looks on a background with the RGB color 219, 242, 247.



This preview shows how white text looks on a background with the RGB color 219, 242, 247.

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

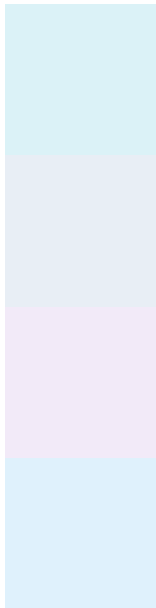




Tritanopia

225, 240, 255

Trichromacy



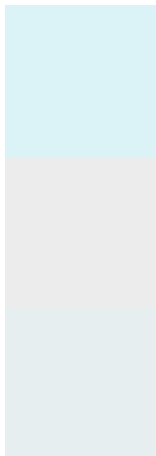
Original Color
219, 242, 247

Protanomaly
232, 238, 245

Deuteranomaly
242, 234, 248

Tritanomaly
223, 241, 252

Monochromacy



Original Color
219, 242, 247

Achromatopsia
236, 236, 236

Achromatomaly
230, 238, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 242, 247 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, 242, 247)` looks like.

```
.text, #text, p{  
    color:rgb(219, 242, 247)  
}
```

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, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 242, 247) }
```

Border

The CSS property to change the border of an element to RGB 219, 242, 247 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, 242, 247) }
```

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

```
.border{ border-color:rgb(219, 242, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 242, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(219, 242,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 219, 242, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 242, 247) }
```

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

```
.background{ background-color: rgb(219,  
242, 247) }
```

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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