

Converting Colors

RGB(166, 247, 242)

Have a look what the booklet for
RGB(166, 247, 242) contains.

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Color

RGB(166, 247, 242)

Conversions

Conversions Part 1

Format	Color
Hex	A6F7F2
RGB	166, 247, 242
RGB Percent	65%, 97%, 95%
CMY	0.3490, 0.0314, 0.0510
CMYK	0.33, 0.00, 0.02, 0.03
HSL	176°, 84%, 81%
HSV	176°, 33%, 97%
XYZ	65.0137, 81.0393, 96.2200
YIQ	222.2110, -46.6710, -18.7270

Conversions

Conversions Part 2

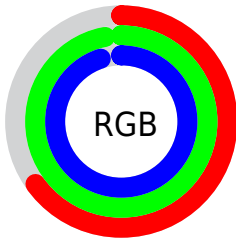
Format	Color
RYB	166, 208, 247
Decimal	10942450
CIELab	92.15, -25.61, -5.46
CIELCh	92, 26.189, 192.036
Yxy	81.0393, 0.2683, 0.3345
Android (android.graphics.Color)	4289132530 (0xFFA6F7F2)
YUV	222.2110, 9.7560, -49.2970
Hunter-Lab	90.0218, -28.6258, -0.3569

Details

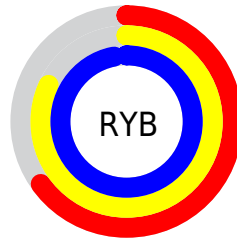
The RGB color **166, 247, 242** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **247, 166, 171**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **223, 255, 255**, and **110, 190, 186** is the 20% darker color. If you saturate the color by 10%, you get **141, 247, 240**, and if you desaturate by 10%, it is **191, 247, 244**.

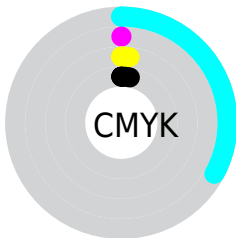
Distribution



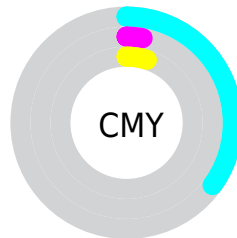
- Red (65%)
- Green (97%)
- Blue (95%)



- Red (65%)
- Yellow (82%)
- Blue (97%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 247, 242 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 166, 247, 242 by changing the saturation by 10% instead.

 166, 247, 242

255, 255, 255


 223, 255, 255


253, 255, 255


 166, 247, 242

 138, 218, 214

 110, 190, 186

 83, 163, 159


 54, 137, 133

 20, 111, 108

 0, 86, 84


 0, 63, 60


 0, 40, 39

 0, 15, 19

 166, 247, 242

 166, 247, 242

 141, 247, 240

 191, 247, 244

 117, 247, 239

 215, 247, 245

 92, 247, 237

 240, 247, 247

 67, 247, 236

 255, 247, 248

 43, 247, 234

 255, 247, 250

 18, 247, 233

 255, 247, 251

 0, 247, 232

 255, 247, 253

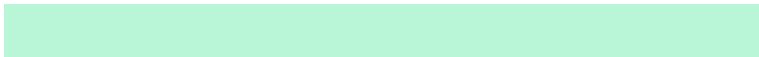
 255, 247, 254

 255, 247, 255

Harmonies

Analogous

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



185, 246, 216



166, 247, 242



165, 245, 255

Triad

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



166, 247, 242



249, 223, 255



255, 226, 185

Complementary

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



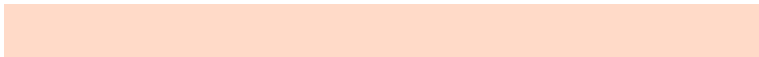
166, 247, 242



247, 166, 171

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.



255, 218, 200



166, 247, 242



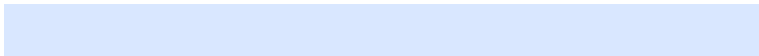
255, 216, 249

Square

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



166, 247, 242



217, 231, 255



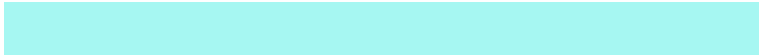
255, 215, 223



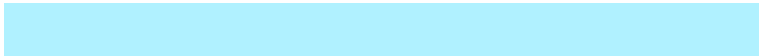
241, 234, 183

Rectangle

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



166, 247, 242



176, 241, 255



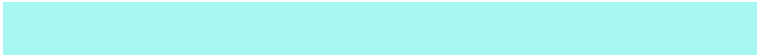
255, 215, 223



255, 223, 189

Sweetspot

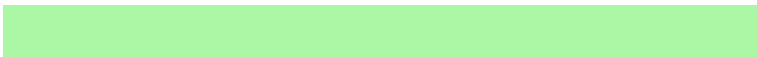
The Sweet Spot groups the original color and five complimentary colors.



166, 247, 242



230, 255, 253



171, 247, 166



112, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

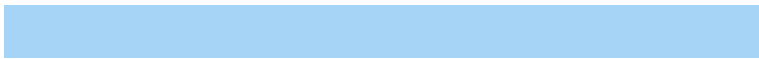
The Same Dimension uses a secret algorithm to generate beautiful new colors.



166, 247, 242



156, 255, 249



166, 212, 247



110, 122, 122



0, 186, 175



0, 59, 55

Inverse Universe

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



247, 166, 171



255, 156, 162



247, 201, 166



122, 110, 111



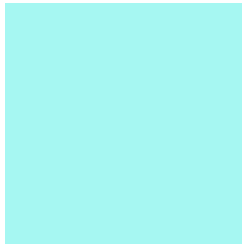
186, 0, 11



59, 0, 4

Previews

White Background



This preview shows how the RGB color 166, 247, 242 looks on a white background.

Color Contrast Check

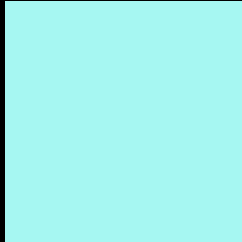
Large Text (above 18pt) WCAG AA × Fail

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 166, 247, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

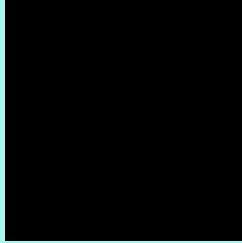
Any Text WCAG AA ✓ Pass

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 166, 247, 242 Background



This preview shows how black text looks on a background with the RGB color 166, 247, 242.



This preview shows how white text looks on a background with the RGB color 166, 247, 242.

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
190, 240, 255

Trichromacy



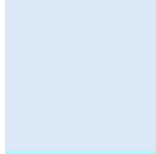
Original Color

166, 247, 242



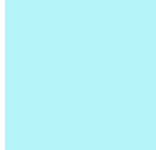
Protanomaly

210, 236, 236



Deuteranomaly

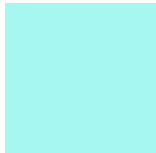
218, 233, 245



Tritanomaly

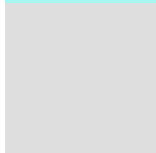
181, 243, 250

Monochromacy



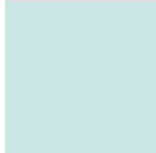
Original Color

166, 247, 242



Achromatopsia

222, 222, 222



Achromatomaly

202, 231, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 247, 242 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(166, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(166, 247, 242)  
}
```

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(166, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 247, 242) }
```

Border

The CSS property to change the border of an element to RGB 166, 247, 242 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(166, 247, 242) }
```

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

```
.border{ border-color:rgb(166, 247, 242) }
```

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

Here you see how a box with a 4 pixel rgb(166, 247, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(166, 247,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 166, 247, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 247, 242) }
```

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

```
.background{ background-color: rgb(166,  
247, 242) }
```

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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