

Converting Colors

RGB(175, 247, 240)

Have a look what the booklet for
RGB(175, 247, 240) contains.

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Color

RGB(175, 247, 240)

Conversions

Conversions Part 1

Format	Color
Hex	AFF7F0
RGB	175, 247, 240
RGB Percent	69%, 97%, 94%
CMY	0.3137, 0.0314, 0.0588
CMYK	0.29, 0.00, 0.03, 0.03
HSL	174°, 82%, 83%
HSV	174°, 29%, 97%
XYZ	66.6681, 81.9268, 94.7377
YIQ	224.6740, -40.6650, -17.4410

Conversions

Conversions Part 2

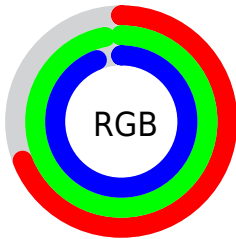
Format	Color
R_{YB}	175, 213, 247
Decimal	11532272
CIE _{Lab}	92.54, -23.60, -3.79
CIE _{LCh}	93, 23.906, 189.127
Yxy	81.9268, 0.2740, 0.3367
Android (android.graphics.Color)	4289722352 (0xFFAFF7F0)
YUV	224.6740, 7.5557, -43.5641
Hunter-Lab	90.5134, -26.9233, 1.3023

Details

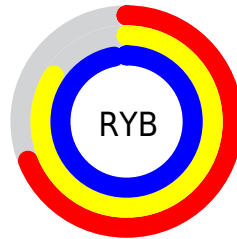
The RGB color **175, 247, 240** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **247, 175, 182**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **232, 255, 255**, and **120, 190, 184** is the 20% darker color. If you saturate the color by 10%, you get **150, 247, 238**, and if you desaturate by 10%, it is **200, 247, 242**.

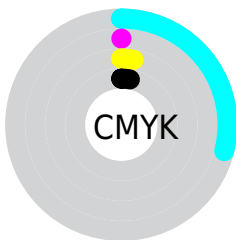
Distribution



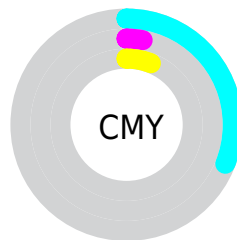
- Red (69%)
- Green (97%)
- Blue (94%)



- Red (69%)
- Yellow (84%)
- Blue (97%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 247, 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 175, 247, 240 by changing the saturation by 10% instead.


 175, 247, 240


255, 255, 255


 232, 255, 255


 175, 247, 240


 147, 218, 212

 120, 190, 184

 93, 163, 157


 66, 137, 131

 38, 111, 106

 0, 86, 82

 0, 63, 59

 0, 40, 37

 0, 17, 17

 175, 247, 240


 175, 247, 240

 150, 247, 238

 200, 247, 242

 126, 247, 235

 224, 247, 245

 101, 247, 233

 249, 247, 247

 76, 247, 230

 255, 247, 250

 52, 247, 228

 255, 247, 252

 27, 247, 226

 255, 247, 254

 2, 247, 223

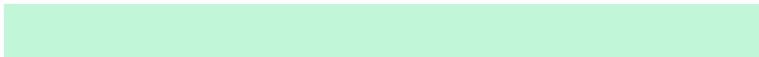
 255, 247, 255

 0, 247, 223

Harmonies

Analogous

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



193, 246, 216



175, 247, 240



172, 245, 255

Triad

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



175, 247, 240



246, 225, 255



255, 227, 191

Complementary

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



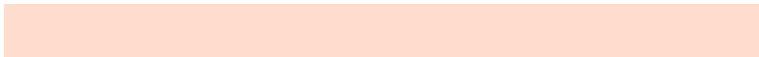
175, 247, 240



247, 175, 182

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, 220, 206



175, 247, 240



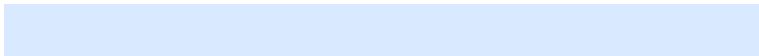
255, 219, 251

Square

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



175, 247, 240



217, 233, 255



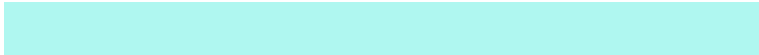
255, 217, 227



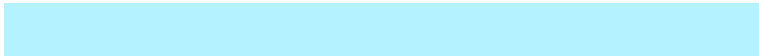
244, 234, 188

Rectangle

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



175, 247, 240



181, 242, 255



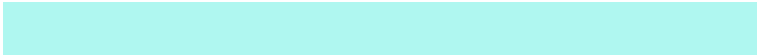
255, 217, 227



255, 224, 195

Sweetspot

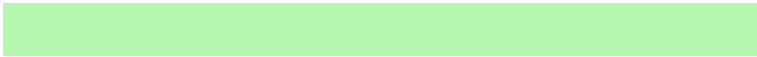
The Sweet Spot groups the original color and five complimentary colors.



175, 247, 240



232, 255, 253



182, 247, 175



113, 128, 126



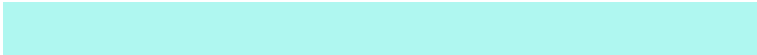
0, 0, 0



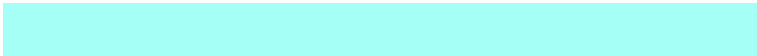
128, 128, 128

Same Dimension

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



175, 247, 240



166, 255, 246



175, 218, 247



110, 122, 121



0, 186, 168



0, 59, 53

Inverse Universe

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



247, 175, 182



255, 166, 174



247, 204, 175



122, 110, 111



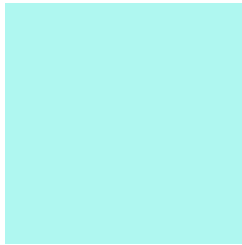
186, 0, 18



59, 0, 6

Previews

White Background



This preview shows how the RGB color 175, 247, 240 looks on a white background.

Color Contrast Check

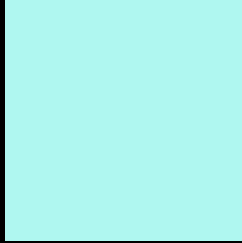
Large Text (above 18pt) WCAG AA × Fail

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 175, 247, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

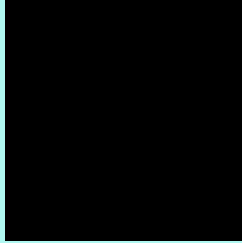
Any Text WCAG AA ✓ Pass

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 175, 247, 240 Background



This preview shows how black text looks on a background with the RGB color 175, 247, 240.



This preview shows how white text looks on a background with the RGB color 175, 247, 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





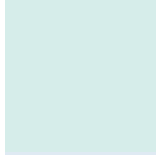
Tritanopia
197, 241, 255

Trichromacy



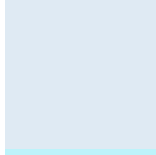
Original Color

175, 247, 240



Protanomaly

214, 237, 234



Deuteranomaly

223, 234, 243



Tritanomaly

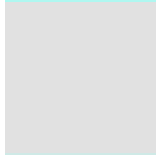
189, 243, 250

Monochromacy



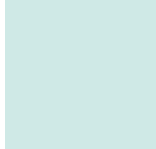
Original Color

175, 247, 240



Achromatopsia

225, 225, 225



Achromatomaly

207, 233, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 247, 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(175, 247, 240)` looks like.

```
.text, #text, p{  
    color:rgb(175, 247, 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(175, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 247, 240) }
```

Border

The CSS property to change the border of an element to RGB 175, 247, 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(175, 247, 240) }
```

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

```
.border{ border-color:rgb(175, 247, 240) }
```

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

Here you see how a box with a 4 pixel rgb(175, 247, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(175, 247,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 175, 247, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 247, 240) }
```

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

```
.background{ background-color: rgb(175,  
247, 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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