

Converting Colors

RGB(179, 242, 236)

Have a look what the booklet for
RGB(179, 242, 236) contains.

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Color

RGB(179, 242, 236)

Conversions

Conversions Part 1

Format	Color
Hex	B3F2EC
RGB	179, 242, 236
RGB Percent	70%, 95%, 93%
CMY	0.2980, 0.0510, 0.0745
CMYK	0.26, 0.00, 0.02, 0.05
HSL	174°, 71%, 83%
HSV	174°, 26%, 95%
XYZ	65.4829, 79.1441, 91.1819
YIQ	222.4790, -35.6220, -15.2220

Conversions

Conversions Part 2

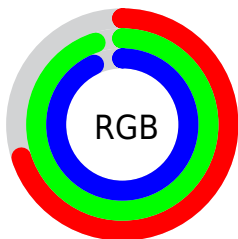
Format	Color
R _Y B	179, 212, 242
Decimal	11793132
CIE Lab	91.30, -20.89, -3.52
CIE LCh	91, 21.187, 189.553
Yxy	79.1441, 0.2777, 0.3356
Android (android.graphics.Color)	4289983212 (0xFFB3F2EC)
YUV	222.4790, 6.6659, -38.1311
Hunter-Lab	88.9630, -24.2969, 1.5052

Details

The RGB color **179, 242, 236** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 179, 185**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **236, 255, 255**, and **124, 186, 180** is the 20% darker color. If you saturate the color by 10%, you get **155, 242, 234**, and if you desaturate by 10%, it is **203, 242, 238**.

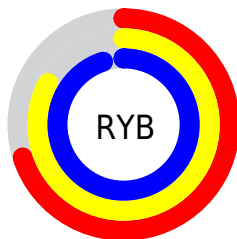
Distribution



Red (70%)

Green (95%)

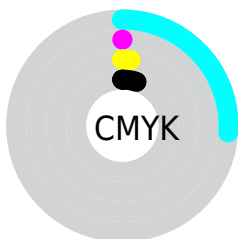
Blue (93%)



Red (70%)

Yellow (83%)

Blue (95%)

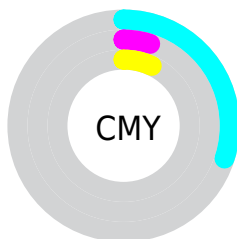


Cyan (26%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (30%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 242, 236 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 179, 242, 236 by changing the saturation by 10% instead.


 179, 242, 236


255, 255, 255


 236, 255, 255


 179, 242, 236

 151, 214, 208

 124, 186, 180

 98, 159, 153


 72, 132, 128

 46, 107, 103

 16, 83, 79

 0, 59, 56

 0, 37, 34

 0, 9, 13

 179, 242, 236

 179, 242, 236

 155, 242, 234

 203, 242, 238

 131, 242, 231

 227, 242, 241

 106, 242, 229

 252, 242, 243

 82, 242, 227

 255, 242, 245

 58, 242, 224

 255, 242, 248

 34, 242, 222

 255, 242, 250

 10, 242, 220

 255, 242, 252

 0, 242, 219

 255, 242, 254

 255, 242, 255

Harmonies

Analogous

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



194, 241, 215



179, 242, 236



177, 240, 255

Triad

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



179, 242, 236



242, 223, 255



255, 224, 193

Complementary

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



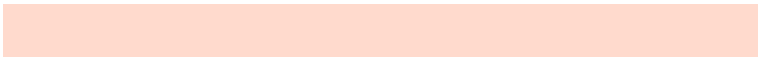
179, 242, 236



242, 179, 185

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, 205



179, 242, 236



255, 218, 245

Square

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



179, 242, 236



216, 230, 255



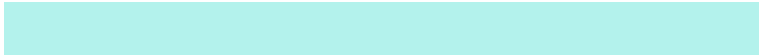
255, 216, 224



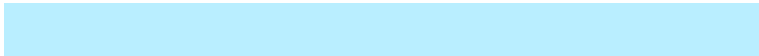
239, 231, 190

Rectangle

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



179, 242, 236



185, 238, 255



255, 216, 224



255, 222, 196

Sweetspot

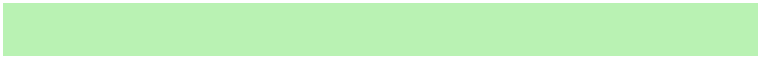
The Sweet Spot groups the original color and five complimentary colors.



179, 242, 236



235, 255, 253



185, 242, 179



115, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



179, 242, 236



176, 255, 247



179, 217, 242



108, 120, 119



0, 184, 166



0, 56, 51

Inverse Universe

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



242, 179, 185



255, 176, 183



242, 204, 179



120, 108, 109



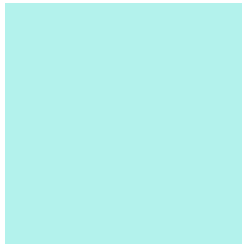
184, 0, 17



56, 0, 5

Previews

White Background



This preview shows how the RGB color 179, 242, 236 looks on a white background.

Color Contrast Check

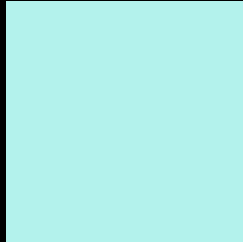
Large Text (above 18pt) WCAG AA × Fail

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 179, 242, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

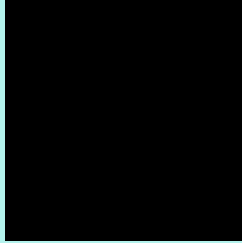
Any Text WCAG AA ✓ Pass

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 179, 242, 236 Background



This preview shows how black text looks on a background with the RGB color 179, 242, 236.

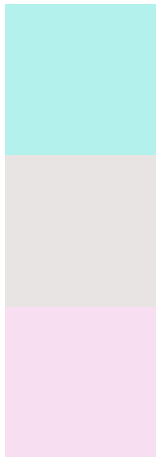


This preview shows how white text looks on a background with the RGB color 179, 242, 236.

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



Original Color
179, 242, 236

Protanopia
233, 228, 228

Deuteranopia
247, 222, 240



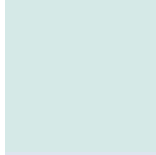
Tritanopia
189, 238, 255

Trichromacy



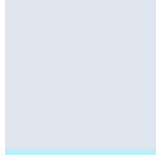
Original Color

179, 242, 236



Protanomaly

213, 233, 231



Deuteranomaly

222, 229, 239



Tritanomaly

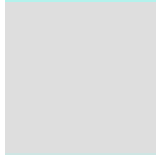
185, 239, 248

Monochromacy



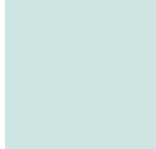
Original Color

179, 242, 236



Achromatopsia

222, 222, 222



Achromatomaly

206, 229, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 242, 236 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(179, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(179, 242, 236)  
}
```

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(179, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 242, 236) }
```

Border

The CSS property to change the border of an element to RGB 179, 242, 236 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(179, 242, 236) }
```

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

```
.border{ border-color:rgb(179, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(179, 242,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 179, 242, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 242, 236) }
```

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

```
.background{ background-color: rgb(179,  
242, 236) }
```

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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