

Converting Colors

RGB(170, 226, 223)

Have a look what the booklet for
RGB(170, 226, 223) contains.

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Color

RGB(170, 226, 223)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | AAE2DF |
| RGB | 170, 226, 223 |
| RGB Percent | 67%, 89%, 87% |
| CMY | 0.3333, 0.1137, 0.1255 |
| CMYK | 0.25, 0.00, 0.01, 0.11 |
| HSL | 177°, 49%, 78% |
| HSV | 177°, 25%, 89% |
| XYZ | 57.0932, 68.2665, 79.9797 |
| YIQ | 208.9140, -32.4130, -12.8050 |

Conversions

Conversions Part 2

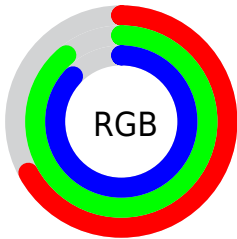
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 170, 199, 226 |
| Decimal | 11199199 |
| CIELab | 86.14, -18.38, -4.35 |
| CIELCh | 86, 18.888, 193.323 |
| Yxy | 68.2665, 0.2780, 0.3325 |
| Android (android.graphics.Color) | 4289389279 (0xFFAAE2DF) |
| YUV | 208.9140, 6.9444, -34.1276 |
| Hunter-Lab | 82.6235, -21.2469, 0.4437 |

Details

The RGB color **170, 226, 223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 170, 173**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **226, 255, 255**, and **116, 171, 168** is the 20% darker color. If you saturate the color by 10%, you get **147, 226, 222**, and if you desaturate by 10%, it is **193, 226, 224**.

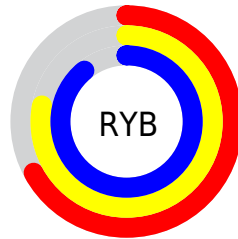
Distribution



Red (67%)

Green (89%)

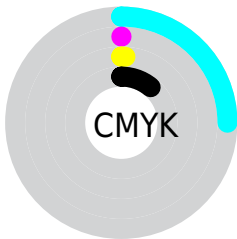
Blue (87%)



Red (67%)

Yellow (78%)

Blue (89%)

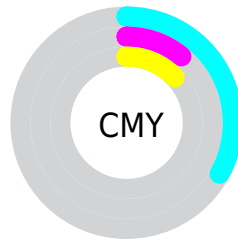


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 226, 223 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 170, 226, 223 by changing the saturation by 10% instead.

 170, 226, 223


255, 255, 255


 226, 255, 255

 170, 226, 223

 143, 198, 195

 116, 171, 168

 90, 144, 142

 65, 118, 116

 39, 93, 91

 8, 70, 68

 0, 47, 46

 0, 27, 25

 0, 0, 0

170, 226, 223

170, 226, 223

147, 226, 222

193, 226, 224

125, 226, 221

215, 226, 225

102, 226, 219

238, 226, 227

80, 226, 218

255, 226, 228

57, 226, 217

255, 226, 229

34, 226, 216

255, 226, 230

12, 226, 215

255, 226, 231

0, 226, 214

255, 226, 233

255, 226, 234

Harmonies

Analogous

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



182, 225, 205



170, 226, 223



170, 224, 239

Triad

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



170, 226, 223



229, 208, 242



239, 211, 182

Complementary

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



170, 226, 223



226, 170, 173

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.



251, 206, 192



170, 226, 223



246, 204, 226

Square

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



170, 226, 223



206, 214, 250



253, 203, 208



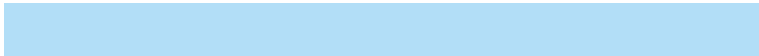
221, 217, 181

Rectangle

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



170, 226, 223



178, 222, 247



253, 203, 208



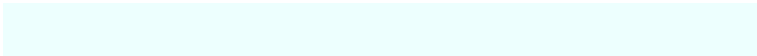
244, 209, 184

Sweetspot

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



170, 226, 223



237, 255, 254



174, 226, 170



117, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



170, 226, 223



179, 255, 251



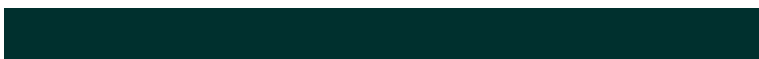
170, 202, 226



101, 112, 112



0, 176, 167



0, 48, 46

Inverse Universe

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



226, 170, 173



255, 179, 183



226, 194, 170



112, 101, 102



176, 0, 9



48, 0, 3

Previews

White Background



This preview shows how the RGB color 170, 226, 223 looks on a white background.

Color Contrast Check

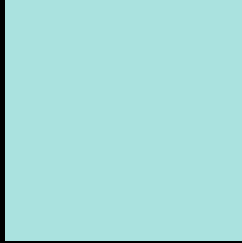
Large Text (above 18pt) WCAG AA × Fail

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 170, 226, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

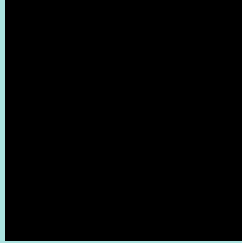
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

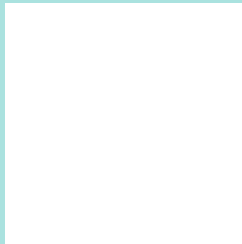
Any Text WCAG AAA ✓ Pass

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

RGB 170, 226, 223 Background



This preview shows how black text looks on a background with the RGB color 170, 226, 223.

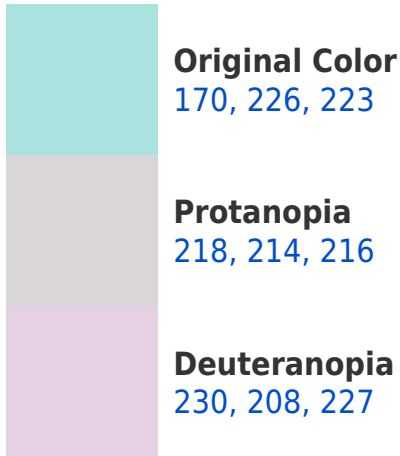


This preview shows how white text looks on a background with the RGB color 170, 226, 223.

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](#).

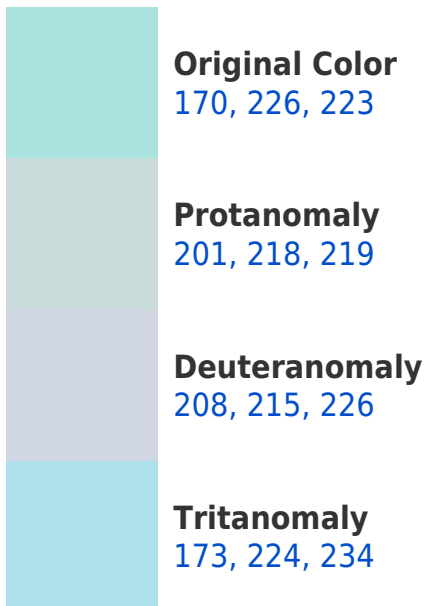
Dichromacy





Tritanopia
174, 223, 241

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 226, 223 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(170, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(170, 226, 223)  
}
```

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(170, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 226, 223) }
```

Border

The CSS property to change the border of an element to RGB 170, 226, 223 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(170, 226, 223) }
```

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

```
.border{ border-color:rgb(170, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(170, 226,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 170, 226, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 226, 223) }
```

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

```
.background{ background-color: rgb(170,  
226, 223) }
```

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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