

Converting Colors

RGB(116, 232, 195)

Have a look what the booklet for
RGB(116, 232, 195) contains.

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Color

RGB(116, 232, 195)

Conversions

Conversions Part 1

Format	Color
Hex	74E8C3
RGB	116, 232, 195
RGB Percent	45%, 91%, 76%
CMY	0.5451, 0.0902, 0.2353
CMYK	0.50, 0.00, 0.16, 0.09
HSL	161°, 72%, 68%
HSV	161°, 50%, 91%
XYZ	45.9094, 65.3664, 61.8271
YIQ	193.0980, -57.2590, -36.0990

Conversions

Conversions Part 2

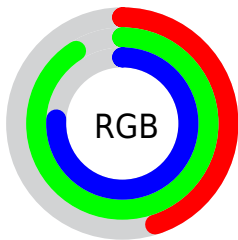
Format	Color
RYB	116, 185, 232
Decimal	7661763
CIELab	84.67, -41.63, 7.96
CIELCh	85, 42.380, 169.179
Yxy	65.3664, 0.2652, 0.3776
Android (android.graphics.Color)	4285851843 (0xFF74E8C3)
YUV	193.0980, 0.9377, -67.6149
Hunter-Lab	80.8495, -40.1275, 11.2545

Details

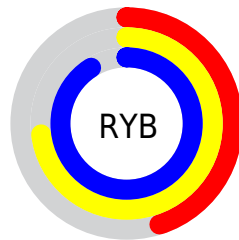
The RGB color **116, 232, 195** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **232, 116, 153**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **174, 255, 252**, and **54, 176, 141** is the 20% darker color. If you saturate the color by 10%, you get **93, 232, 188**, and if you desaturate by 10%, it is **139, 232, 202**.

Distribution



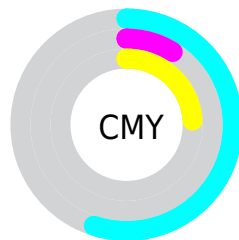
- Red (45%)
- Green (91%)
- Blue (76%)



- Red (45%)
- Yellow (73%)
- Blue (91%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 232, 195 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 116, 232, 195 by changing the saturation by 10% instead.

 116, 232, 195

255, 255, 255


 174, 255, 252

 204, 255, 255


 234, 255, 255

 116, 232, 195

 86, 204, 168

 54, 176, 141

 1, 149, 116

 0, 122, 91

 0, 97, 68

 0, 72, 46

 0, 48, 25

 0, 25, 0

 0, 0, 0

■ 116, 232, 195

■ 116, 232, 195

■ 93, 232, 188

■ 139, 232, 202

■ 70, 232, 180

■ 162, 232, 210

■ 46, 232, 173

■ 186, 232, 217

■ 23, 232, 165

■ 209, 232, 225

■ 0, 232, 158

■ 232, 232, 232

■ 255, 232, 239

■ 255, 232, 247

■ 255, 232, 254

■ 255, 232, 255

Harmonies

Analogous

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



166, 227, 158



116, 232, 195



66, 233, 236

Triad

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



116, 232, 195



195, 206, 255



255, 190, 152

Complementary

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



116, 232, 195



232, 116, 153

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, 181, 187



116, 232, 195



248, 192, 255

Square

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



116, 232, 195



130, 220, 255



255, 182, 228



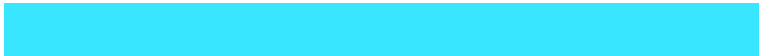
251, 204, 133

Rectangle

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



116, 232, 195



56, 231, 255



255, 182, 228



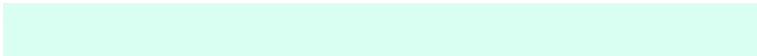
255, 187, 163

Sweetspot

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



116, 232, 195



217, 255, 243



155, 232, 116



105, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



116, 232, 195



102, 255, 206



116, 213, 232



103, 115, 111



0, 179, 122



0, 51, 35

Inverse Universe

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



232, 116, 153



255, 102, 151



232, 135, 116



115, 103, 107



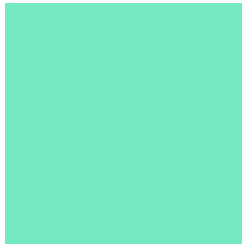
179, 0, 57



51, 0, 16

Previews

White Background



This preview shows how the RGB color 116, 232, 195 looks on a white background.

Color Contrast Check

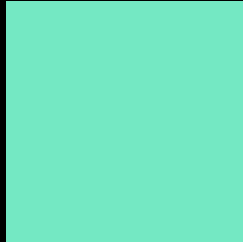
Large Text (above 18pt) WCAG AA × Fail

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 116, 232, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

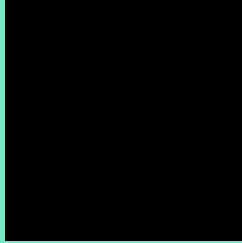
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

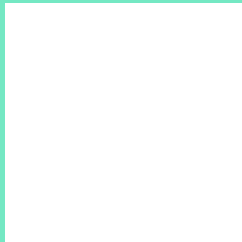
Any Text WCAG AAA ✓ Pass

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

RGB 116, 232, 195 Background



This preview shows how black text looks on a background with the RGB color 116, 232, 195.

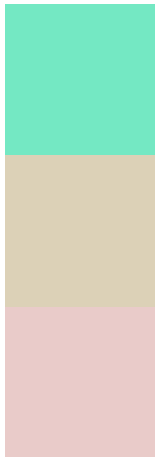


This preview shows how white text looks on a background with the RGB color 116, 232, 195.

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
116, 232, 195

Protanopia
220, 209, 183

Deuteranopia
233, 203, 201



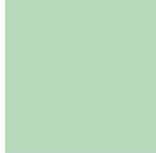
Tritanopia
130, 225, 243

Trichromacy



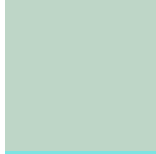
Original Color

116, 232, 195



Protanomaly

182, 217, 187



Deuteranomaly

190, 214, 199



Tritanomaly

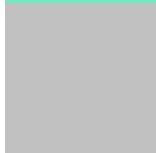
125, 228, 226

Monochromacy



Original Color

116, 232, 195



Achromatopsia

193, 193, 193



Achromatomaly

165, 207, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 232, 195 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(116, 232, 195)` looks like.

```
.text, #text, p{  
    color:rgb(116, 232, 195)  
}
```

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(116, 232, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 232, 195) }
```

Border

The CSS property to change the border of an element to RGB 116, 232, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

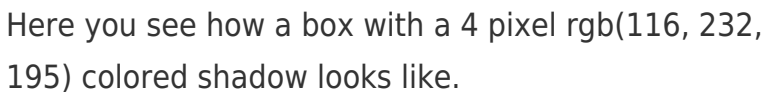
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 232, 195) }
```

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

```
.border{ border-color:rgb(116, 232, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 232, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 232, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 232, 195); box-shadow:4px 4px 4px 4px rgb(116, 232, 195) }
```

Background

The CSS property to change the background color of an element to RGB 116, 232, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 232, 195) }
```

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

```
.background{ background-color: rgb(116,  
232, 195) }
```

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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