

Converting Colors

RGB(117, 227, 192)

Have a look what the booklet for
RGB(117, 227, 192) contains.

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Color

RGB(117, 227, 192)

Conversions

Conversions Part 1

Format	Color
Hex	75E3C0
RGB	117, 227, 192
RGB Percent	46%, 89%, 75%
CMY	0.5412, 0.1098, 0.2471
CMYK	0.48, 0.00, 0.15, 0.11
HSL	161°, 66%, 67%
HSV	161°, 48%, 89%
XYZ	44.3196, 62.5258, 59.6020
YIQ	190.1200, -54.3250, -34.2050

Conversions

Conversions Part 2

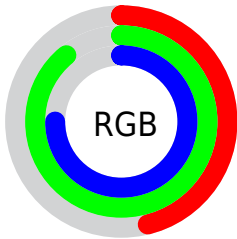
Format	Color
RYB	117, 182, 227
Decimal	7726016
CIELab	83.19, -39.83, 7.42
CIELCh	83, 40.514, 169.452
Yxy	62.5258, 0.2663, 0.3756
Android (android.graphics.Color)	4285916096 (0xFF75E3C0)
YUV	190.1200, 0.9268, -64.1262
Hunter-Lab	79.0733, -38.3311, 10.6611

Details

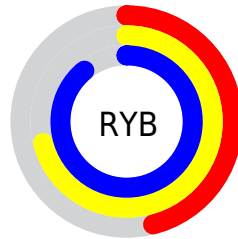
The RGB color **117, 227, 192** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **227, 117, 152**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **175, 255, 248**, and **57, 171, 139** is the 20% darker color. If you saturate the color by 10%, you get **94, 227, 185**, and if you desaturate by 10%, it is **140, 227, 199**.

Distribution



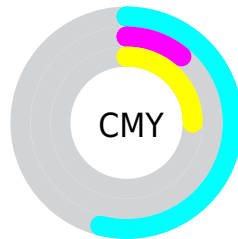
- Red (46%)
- Green (89%)
- Blue (75%)



- Red (46%)
- Yellow (71%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (54%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 227, 192 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 117, 227, 192 by changing the saturation by 10% instead.

 117, 227, 192


255, 255, 255


 175, 255, 248


 204, 255, 255


 234, 255, 255

 117, 227, 192

 88, 199, 165

 57, 171, 139

 13, 144, 113

 0, 118, 89

 0, 92, 65

 0, 68, 43


 0, 45, 23

 0, 19, 0

 0, 0, 0

 117, 227, 192

 117, 227, 192

 94, 227, 185

 140, 227, 199

 72, 227, 178

 162, 227, 206

 49, 227, 170

 185, 227, 214

 26, 227, 163

 208, 227, 221

 3, 227, 156

 231, 227, 228

 0, 227, 155

 253, 227, 235

 255, 227, 243

 255, 227, 250

 255, 227, 255

Harmonies

Analogous

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



164, 222, 156



117, 227, 192



73, 228, 231

Triad

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



117, 227, 192



193, 202, 255



255, 187, 151

Complementary

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



117, 227, 192



227, 117, 152

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, 179, 184



117, 227, 192



242, 189, 255

Square

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



117, 227, 192



132, 215, 255



255, 179, 222



245, 200, 132

Rectangle

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



117, 227, 192



66, 226, 254



255, 179, 222



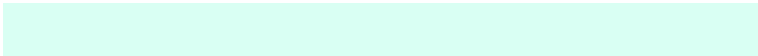
255, 184, 161

Sweetspot

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



117, 227, 192



217, 255, 243



154, 227, 117



105, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



117, 227, 192



107, 255, 208



117, 209, 227



103, 115, 111



0, 179, 122



0, 51, 35

Inverse Universe

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



227, 117, 152



255, 107, 154



227, 135, 117



115, 103, 107



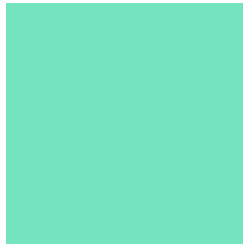
179, 0, 57



51, 0, 16

Previews

White Background



This preview shows how the RGB color 117, 227, 192 looks on a white background.

Color Contrast Check

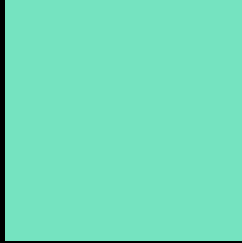
Large Text (above 18pt) WCAG AA × Fail

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 117, 227, 192 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 117, 227, 192 Background



This preview shows how black text looks on a background with the RGB color 117, 227, 192.

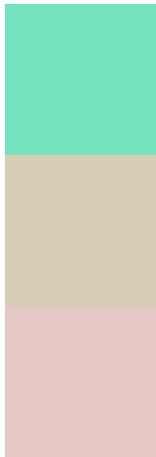


This preview shows how white text looks on a background with the RGB color 117, 227, 192.

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
117, 227, 192

Protanopia
215, 205, 181

Deuteranopia
229, 199, 198



Tritanopia
130, 220, 238

Trichromacy



Original Color

117, 227, 192



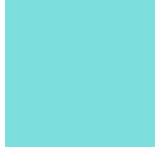
Protanomaly

179, 213, 185



Deuteranomaly

188, 209, 196



Tritanomaly

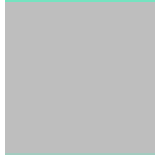
125, 223, 221

Monochromacy



Original Color

117, 227, 192



Achromatopsia

190, 190, 190



Achromatomaly

163, 203, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 227, 192 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(117, 227, 192)` looks like.

```
.text, #text, p{  
    color:rgb(117, 227, 192)  
}
```

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(117, 227, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 227, 192) }
```

Border

The CSS property to change the border of an element to RGB 117, 227, 192 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(117, 227, 192) }
```

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

```
.border{ border-color:rgb(117, 227, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 227, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 227, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 227, 192); box-shadow:4px 4px 4px 4px rgb(117, 227, 192) }
```

Background

The CSS property to change the background color of an element to RGB 117, 227, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 227, 192) }
```

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

```
.background{ background-color: rgb(117,  
227, 192) }
```

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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