

Converting Colors

RGB(112, 226, 171)

Have a look what the booklet for
RGB(112, 226, 171) contains.

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Color

RGB(112, 226, 171)

Conversions

Conversions Part 1

Format	Color
Hex	70E2AB
RGB	112, 226, 171
RGB Percent	44%, 89%, 67%
CMY	0.5608, 0.1137, 0.3294
CMYK	0.50, 0.00, 0.24, 0.11
HSL	151°, 66%, 66%
HSV	151°, 50%, 89%
XYZ	41.2291, 60.7777, 48.0864
YIQ	185.6440, -50.2890, -41.2730

Conversions

Conversions Part 2

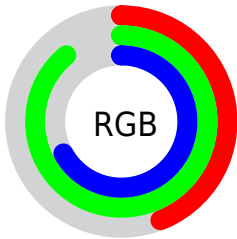
Format	Color
RYB	112, 187, 226
Decimal	7398059
CIELab	82.26, -45.04, 17.11
CIElCh	82, 48.176, 159.202
Yxy	60.7777, 0.2747, 0.4049
Android (android.graphics.Color)	4285588139 (0xFF70E2AB)
YUV	185.6440, -7.2195, -64.5858
Hunter-Lab	77.9601, -42.0305, 18.0015

Details

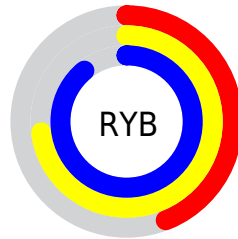
The RGB color **112, 226, 171** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **226, 112, 167**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **170, 255, 226**, and **50, 170, 119** is the 20% darker color. If you saturate the color by 10%, you get **89, 226, 160**, and if you desaturate by 10%, it is **135, 226, 182**.

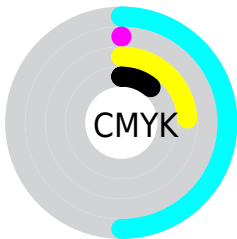
Distribution



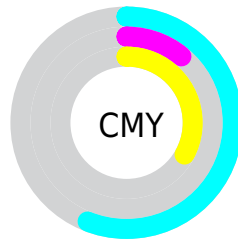
- Red (44%)
- Green (89%)
- Blue (67%)



- Red (44%)
- Yellow (73%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 226, 171 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 112, 226, 171 by changing the saturation by 10% instead.

 112, 226, 171


255, 255, 255


 170, 255, 226


 199, 255, 255


 229, 255, 255

 112, 226, 171


 82, 198, 144

 50, 170, 119

 0, 143, 94

 0, 117, 70

 0, 91, 47

 0, 66, 26

 0, 44, 0

 0, 15, 0

 0, 0, 0

■ 112, 226, 171

■ 112, 226, 171

■ 89, 226, 160

■ 135, 226, 182

■ 67, 226, 149

■ 157, 226, 193

■ 44, 226, 138

■ 180, 226, 204

■ 22, 226, 127

■ 202, 226, 215

■ 0, 226, 117

■ 225, 226, 226

■ 248, 226, 236

■ 255, 226, 247

■ 255, 226, 255

Harmonies

Analogous

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



171, 219, 133



112, 226, 171



0, 229, 218

Triad

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



112, 226, 171



159, 204, 255



255, 176, 150

Complementary

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



112, 226, 171



226, 112, 167

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, 168, 192



112, 226, 171



227, 188, 255

Square

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



112, 226, 171



64, 218, 255



255, 173, 238



255, 191, 120

Rectangle

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



112, 226, 171



0, 227, 247



255, 173, 238



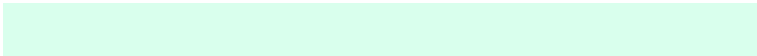
255, 172, 163

Sweetspot

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



112, 226, 171



217, 255, 237



167, 226, 112



105, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



112, 226, 171



99, 255, 180



112, 224, 226



101, 112, 107



0, 176, 91



0, 48, 25

Inverse Universe

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



226, 112, 167



255, 99, 174



226, 114, 112



112, 101, 106



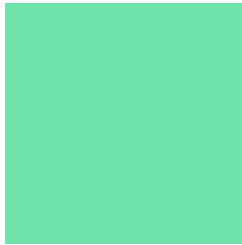
176, 0, 85



48, 0, 23

Previews

White Background



This preview shows how the RGB color 112, 226, 171 looks on a white background.

Color Contrast Check

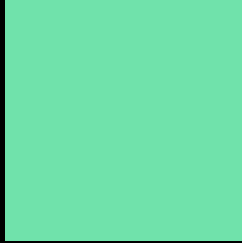
Large Text (above 18pt) WCAG AA × Fail

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 112, 226, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

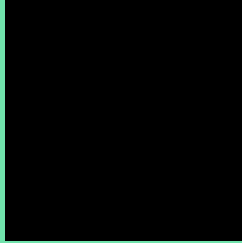
Any Text WCAG AA ✓ Pass

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 112, 226, 171 Background



This preview shows how black text looks on a background with the RGB color 112, 226, 171.

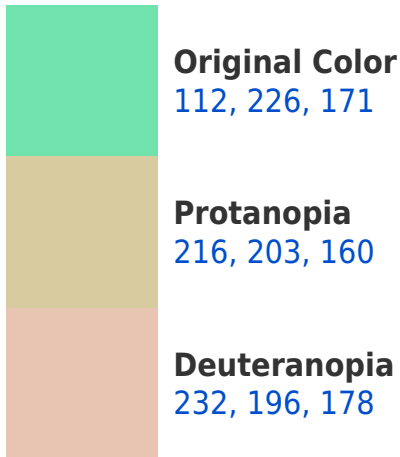


This preview shows how white text looks on a background with the RGB color 112, 226, 171.

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
130, 218, 235

Trichromacy



Original Color

112, 226, 171



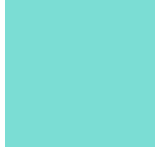
Protanomaly

178, 211, 164



Deuteranomaly

188, 207, 175



Tritanomaly

123, 221, 212

Monochromacy



Original Color

112, 226, 171



Achromatopsia

186, 186, 186



Achromatomaly

159, 201, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 226, 171 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(112, 226, 171)` looks like.

```
.text, #text, p{  
    color:rgb(112, 226, 171)  
}
```

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(112, 226, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 226, 171) }
```

Border

The CSS property to change the border of an element to RGB 112, 226, 171 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(112, 226, 171) }
```

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

```
.border{ border-color:rgb(112, 226, 171) }
```

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

Here you see how a box with a 4 pixel rgb(112, 226, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 226, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 226, 171);  
box-shadow:4px 4px 4px 4px rgb(112, 226,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 112, 226, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 226, 171) }
```

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

```
.background{ background-color: rgb(112,  
226, 171) }
```

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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