

Converting Colors

RGB(114, 233, 189)

Have a look what the booklet for
RGB(114, 233, 189) contains.

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Color

RGB(114, 233, 189)

Conversions

Conversions Part 1

Format	Color
Hex	72E9BD
RGB	114, 233, 189
RGB Percent	45%, 91%, 74%
CMY	0.5529, 0.0863, 0.2588
CMYK	0.51, 0.00, 0.19, 0.09
HSL	158°, 73%, 68%
HSV	158°, 51%, 91%
XYZ	45.2637, 65.5294, 58.4069
YIQ	192.4030, -56.8000, -38.9120

Conversions

Conversions Part 2

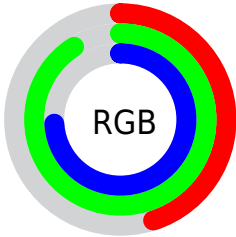
Format	Color
RYB	114, 187, 233
Decimal	7530941
CIELab	84.76, -43.83, 11.21
CIELCh	85, 45.246, 165.652
Yxy	65.5294, 0.2675, 0.3873
Android (android.graphics.Color)	4285721021 (0xFF72E9BD)
YUV	192.4030, -1.6777, -68.7594
Hunter-Lab	80.9502, -41.8538, 13.8864

Details

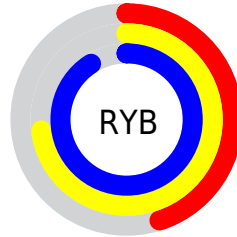
The RGB color **114, 233, 189** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **233, 114, 158**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **173, 255, 245**, and **51, 177, 136** is the 20% darker color. If you saturate the color by 10%, you get **91, 233, 180**, and if you desaturate by 10%, it is **137, 233, 198**.

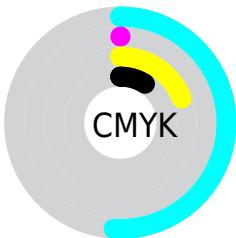
Distribution



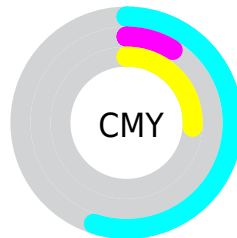
- Red (45%)
- Green (91%)
- Blue (74%)



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



- Cyan (51%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 233, 189 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 114, 233, 189 by changing the saturation by 10% instead.

 114, 233, 189

255, 255, 255


 173, 255, 245

 202, 255, 255


 232, 255, 255

 114, 233, 189

 84, 204, 162

 51, 177, 136

 0, 149, 110

 0, 123, 86

 0, 97, 63

 0, 72, 41

 0, 49, 20

 0, 25, 0

 0, 0, 0

 114, 233, 189

 114, 233, 189

 91, 233, 180

 137, 233, 198

 67, 233, 172

 161, 233, 206


 44, 233, 163

 184, 233, 215

 21, 233, 155

 207, 233, 223

 0, 233, 147

 231, 233, 232

 254, 233, 241

 255, 233, 249

 255, 233, 255

Harmonies

Analogous

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



169, 227, 150



114, 233, 189



45, 234, 233

Triad

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



114, 233, 189



186, 208, 255



255, 188, 152

Complementary

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



114, 233, 189



233, 114, 158

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, 191



114, 233, 189



245, 192, 255

Square

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



114, 233, 189



111, 222, 255



255, 181, 234



255, 202, 129

Rectangle

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



114, 233, 189



0, 233, 255



255, 181, 234



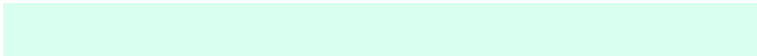
255, 184, 164

Sweetspot

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



114, 233, 189



217, 255, 241



160, 233, 114



105, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



114, 233, 189



99, 255, 197



114, 219, 233



106, 117, 113



0, 181, 114



0, 54, 34

Inverse Universe

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



233, 114, 158



255, 99, 157



233, 128, 114



117, 106, 110



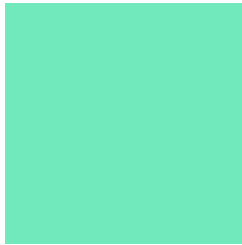
181, 0, 67



54, 0, 20

Previews

White Background



This preview shows how the RGB color 114, 233, 189 looks on a white background.

Color Contrast Check

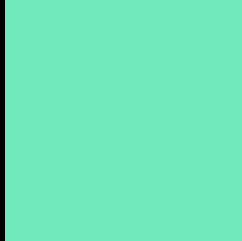
Large Text (above 18pt) WCAG AA × Fail

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 114, 233, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

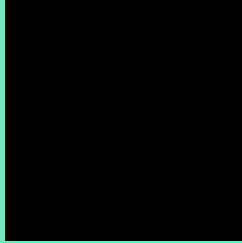
Any Text WCAG AA ✓ Pass

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 114, 233, 189 Background



This preview shows how black text looks on a background with the RGB color 114, 233, 189.

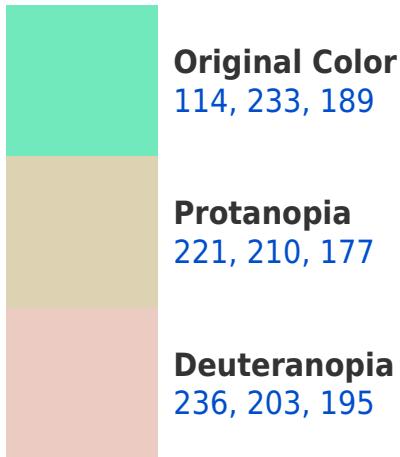


This preview shows how white text looks on a background with the RGB color 114, 233, 189.

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, 225, 244

Trichromacy



Original Color

114, 233, 189



Protanomaly

182, 218, 181



Deuteranomaly

192, 214, 193



Tritanomaly

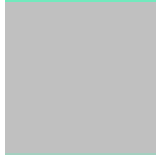
124, 228, 224

Monochromacy



Original Color

114, 233, 189



Achromatopsia

192, 192, 192



Achromatomaly

164, 207, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 233, 189 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(114, 233, 189)` looks like.

```
.text, #text, p{  
    color:rgb(114, 233, 189)  
}
```

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(114, 233, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 233, 189) }
```

Border

The CSS property to change the border of an element to RGB 114, 233, 189 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(114, 233, 189) }
```

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

```
.border{ border-color:rgb(114, 233, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 233, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 233, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 233, 189); box-shadow:4px 4px 4px 4px rgb(114, 233, 189) }
```

Background

The CSS property to change the background color of an element to RGB 114, 233, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 233, 189) }
```

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

```
.background{ background-color: rgb(114,  
233, 189) }
```

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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