

Converting Colors

RGB(75, 232, 184)

Have a look what the booklet for
RGB(75, 232, 184) contains.

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Color

RGB(75, 232, 184)

Conversions

Conversions Part 1

Format	Color
Hex	4BE8B8
RGB	75, 232, 184
RGB Percent	29%, 91%, 72%
CMY	0.7059, 0.0902, 0.2784
CMYK	0.68, 0.00, 0.21, 0.09
HSL	162°, 77%, 60%
HSV	162°, 68%, 91%
XYZ	40.4100, 62.6698, 55.3140
YIQ	179.5850, -78.1640, -48.2120

Conversions

Conversions Part 2

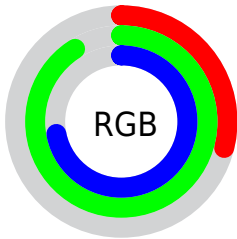
Format	Color
RYB	75, 168, 232
Decimal	4974776
CIELab	83.27, -51.91, 11.57
CIELCh	83, 53.184, 167.437
Yxy	62.6698, 0.2551, 0.3957
Android (android.graphics.Color)	4283164856 (0xFF4BE8B8)
YUV	179.5850, 2.1766, -91.7210
Hunter-Lab	79.1642, -47.4207, 13.9876

Details

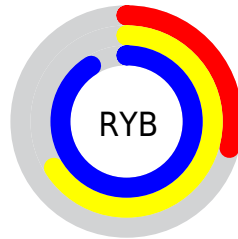
The RGB color **75, 232, 184** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **232, 75, 123**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **141, 255, 240**, and **0, 175, 131** is the 20% darker color. If you saturate the color by 10%, you get **52, 232, 177**, and if you desaturate by 10%, it is **98, 232, 191**.

Distribution



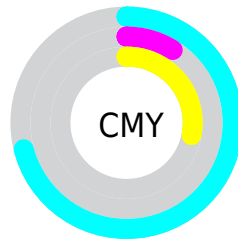
- Red (29%)
- Green (91%)
- Blue (72%)



- Red (29%)
- Yellow (66%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



















- Cyan (71%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 232, 184 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 75, 232, 184 by changing the saturation by 10% instead.

 75, 232, 184	 75, 232, 184
 255, 255, 255	 29, 203, 157
 141, 255, 240	 0, 175, 131
 172, 255, 255	 0, 148, 106
 202, 255, 255	 0, 121, 82
 233, 255, 255	 0, 95, 58
	 0, 70, 37
	 0, 48, 16
	 0, 20, 0
	 0, 0, 0


 75, 232, 184

 75, 232, 184

 52, 232, 177

 98, 232, 191

 29, 232, 170

 121, 232, 198

 5, 232, 163

 145, 232, 205

 0, 232, 161

 168, 232, 212

 191, 232, 219

 214, 232, 227

 237, 232, 234

 255, 232, 241

 255, 232, 248

Harmonies

Analogous

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



152, 226, 138



75, 232, 184



0, 233, 236

Triad

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



75, 232, 184



179, 202, 255



255, 179, 136

Complementary

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



75, 232, 184



232, 75, 123

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, 167, 180



75, 232, 184



249, 183, 255

Square

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



75, 232, 184



70, 219, 255



255, 169, 231



255, 197, 109

Rectangle

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



75, 232, 184



0, 231, 255



255, 169, 231



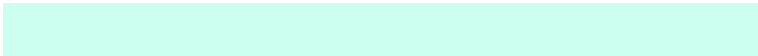
255, 174, 149

Sweetspot

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



75, 232, 184



204, 255, 239



125, 232, 75



97, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



75, 232, 184



48, 255, 192



75, 203, 232



103, 115, 111



0, 179, 124



0, 51, 35

Inverse Universe

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



232, 75, 123



255, 48, 112



232, 104, 75



115, 103, 107



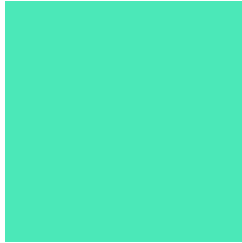
179, 0, 55



51, 0, 16

Previews

White Background



This preview shows how the RGB color 75, 232, 184 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 75, 232, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

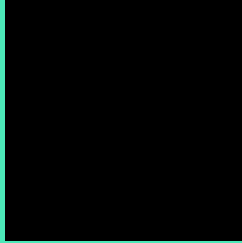
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

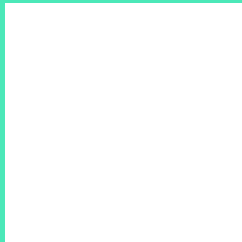
Any Text WCAG AAA ✓ Pass

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

RGB 75, 232, 184 Background



This preview shows how black text looks on a background with the RGB color 75, 232, 184.



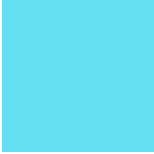
This preview shows how white text looks on a background with the RGB color 75, 232, 184.

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





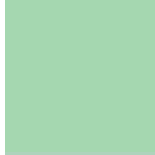
Tritanopia
100, 224, 242

Trichromacy



Original Color

75, 232, 184



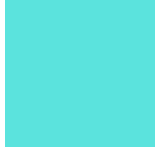
Protanomaly

165, 215, 176



Deuteranomaly

174, 211, 188



Tritanomaly

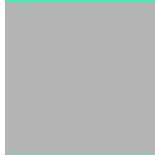
91, 227, 221

Monochromacy



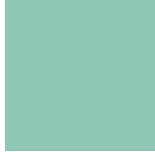
Original Color

75, 232, 184



Achromatopsia

180, 180, 180



Achromatomaly

142, 199, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 232, 184 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(75, 232, 184)` looks like.

```
.text, #text, p{  
    color:rgb(75, 232, 184)  
}
```

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(75, 232, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 232, 184) }
```

Border

The CSS property to change the border of an element to RGB 75, 232, 184 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(75, 232, 184) }
```

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

```
.border{ border-color:rgb(75, 232, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 232, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 232, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 232, 184);  
box-shadow:4px 4px 4px 4px rgb(75, 232,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 75, 232, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 232, 184) }
```

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

```
.background{ background-color: rgb(75, 232,  
184) }
```

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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