

Converting Colors

RGB(75, 235, 220)

Have a look what the booklet for
RGB(75, 235, 220) contains.

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Color

RGB(75, 235, 220)

Conversions

Conversions Part 1	
Format	Color
Hex	4BEBDC
RGB	75, 235, 220
RGB Percent	29%, 92%, 86%
CMY	0.7059, 0.0784, 0.1373
CMYK	0.68, 0.00, 0.06, 0.08
HSL	174°, 80%, 61%
HSV	174°, 68%, 92%
XYZ	45.5282, 66.0798, 78.0652
YIQ	185.4500, -90.5450, -38.5850

Conversions

Conversions Part 2

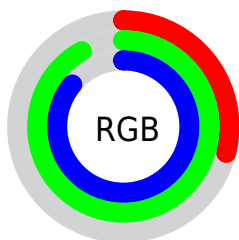
Format	Color
RYB	75, 159, 235
Decimal	4975580
CIELab	85.04, -44.29, -4.80
CIELCh	85, 44.548, 186.188
Yxy	66.0798, 0.2400, 0.3484
Android (android.graphics.Color)	4283165660 (0xFF4BEBDC)
YUV	185.4500, 17.0331, -96.8647
Hunter-Lab	81.2895, -42.2832, -0.0357

Details

The RGB color **75, 235, 220** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **235, 75, 90**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **143, 255, 255**, and **0, 178, 165** is the 20% darker color. If you saturate the color by 10%, you get **52, 235, 218**, and if you desaturate by 10%, it is **98, 235, 222**.

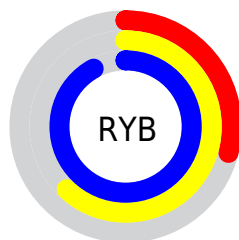
Distribution



Red (29%)

Green (92%)

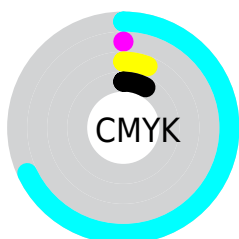
Blue (86%)



Red (29%)

Yellow (62%)

Blue (92%)

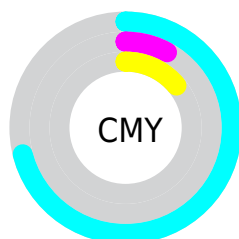


Cyan (68%)

Magenta (0%)

Yellow (6%)

Black (8%)



Cyan (71%)

Magenta (8%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 235, 220 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, 235, 220 by changing the saturation by 10% instead.



75, 235, 220



75, 235, 220

255, 255, 255



24, 206, 192



143, 255, 255



0, 178, 165



174, 255, 255



0, 151, 139



206, 255, 255



0, 125, 113



237, 255, 255



0, 99, 89



0, 74, 66



0, 50, 44



0, 27, 23



0, 0, 0

 75, 235, 220

 75, 235, 220

 52, 235, 218

 98, 235, 222

 28, 235, 216

 122, 235, 224

 4, 235, 213

 146, 235, 227

 0, 235, 213

 169, 235, 229

 193, 235, 231

 216, 235, 233

 240, 235, 235

 255, 235, 238

 255, 235, 240

Harmonies

Analogous

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



135, 232, 177



75, 235, 220



24, 233, 255

Triad

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



75, 235, 220



229, 198, 255



255, 198, 136

Complementary

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



75, 235, 220



235, 75, 90

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, 185, 165



75, 235, 220



255, 185, 247

Square

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



75, 235, 220



166, 214, 255



255, 179, 205



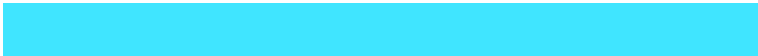
232, 213, 128

Rectangle

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



75, 235, 220



64, 229, 255



255, 179, 205



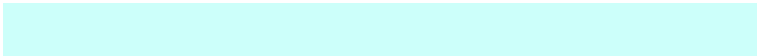
255, 193, 144

Sweetspot

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



75, 235, 220



204, 255, 250



91, 235, 75



97, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



75, 235, 220



46, 255, 235



75, 171, 235



106, 117, 116



0, 181, 164



0, 54, 49

Inverse Universe

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



235, 75, 90



255, 46, 66



235, 139, 75



117, 106, 107



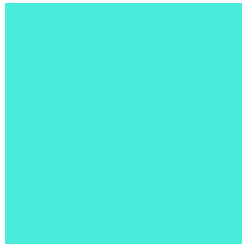
181, 0, 17



54, 0, 5

Previews

White Background



This preview shows how the RGB color 75, 235, 220 looks on a white background.

Color Contrast Check

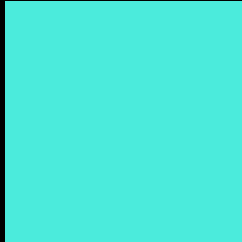
Large Text (above 18pt) WCAG AA × Fail

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, 235, 220 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

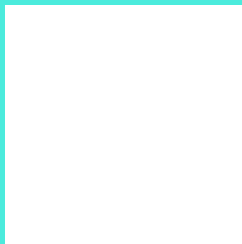
Any Text WCAG AAA ✓ Pass

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

RGB 75, 235, 220 Background



This preview shows how black text looks on a background with the RGB color 75, 235, 220.

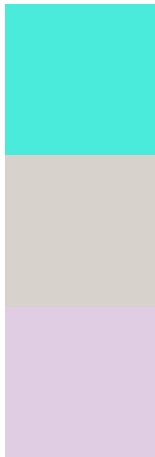


This preview shows how white text looks on a background with the RGB color 75, 235, 220.

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](#).

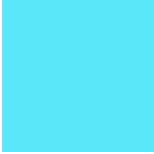
Dichromacy



Original Color
75, 235, 220

Protanopia
216, 210, 205

Deuteranopia
224, 205, 227



Tritanopia

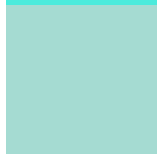
90, 231, 249

Trichromacy



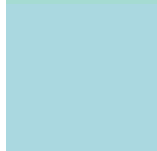
Original Color

75, 235, 220



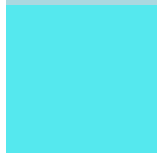
Protanomaly

165, 219, 210



Deuteranomaly

170, 216, 224



Tritanomaly

85, 232, 238

Monochromacy



Original Color

75, 235, 220



Achromatopsia

185, 185, 185



Achromatomaly

145, 203, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 235, 220 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, 235, 220)` looks like.

```
.text, #text, p{  
    color:rgb(75, 235, 220)  
}
```

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, 235, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 235, 220) }
```

Border

The CSS property to change the border of an element to RGB 75, 235, 220 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, 235, 220) }
```

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

```
.border{ border-color:rgb(75, 235, 220) }
```

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

Here you see how a box with a 4 pixel rgb(75, 235, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 235, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 235, 220);  
box-shadow:4px 4px 4px 4px rgb(75, 235,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 75, 235, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 235, 220) }
```

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

```
.background{ background-color: rgb(75, 235,  
220) }
```

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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