

Converting Colors

RGB(0, 235, 224)

Have a look what the booklet for
RGB(0, 235, 224) contains.

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Color

RGB(0, 235, 224)

Conversions

Conversions Part 1

Format	Color
Hex	00EBE0
RGB	0, 235, 224
RGB Percent	0%, 92%, 88%
CMY	1.0000, 0.0784, 0.1216
CMYK	1.00, 0.00, 0.05, 0.08
HSL	177°, 100%, 46%
HSV	177°, 100%, 92%
XYZ	43.1629, 64.7985, 80.7534
YIQ	163.4810, -136.5290, -53.2410

Conversions

Conversions Part 2

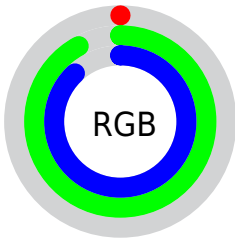
Format	Color
RYB	0, 120, 235
Decimal	60384
CIELab	84.38, -48.35, -7.97
CIELCh	84, 49.003, 189.357
Yxy	64.7985, 0.2287, 0.3434
Android (android.graphics.Color)	4278250464 (0xFF00EBE0)
YUV	163.4810, 29.8359, -143.3728
Hunter-Lab	80.4975, -45.1587, -3.1303

Details

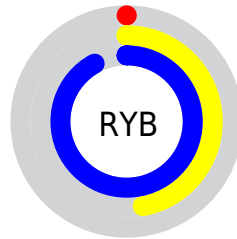
The RGB color **0, 235, 224** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **235, 0, 11**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **114, 255, 255**, and **0, 178, 169** is the 20% darker color. If you saturate the color by 10%, you get **0, 235, 224**, and if you desaturate by 10%, it is **23, 235, 225**.

Distribution



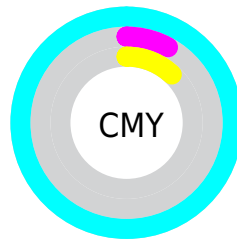
- Red (0%)
- Green (92%)
- Blue (88%)



- Red (0%)
- Yellow (47%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)








- Cyan (100%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 235, 224 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 0, 235, 224 by changing the saturation by 10% instead.

 0, 235, 224	 0, 235, 224
 255, 255, 255	 0, 206, 196
 114, 255, 255	 0, 178, 169
 149, 255, 255	 0, 151, 142
 182, 255, 255	 0, 124, 117
 214, 255, 255	 0, 98, 92
 246, 255, 255	 0, 73, 69
	 0, 50, 47
	 0, 25, 26
	 0, 0, 0

■ 0, 235, 224

■ 23, 235, 225

■ 47, 235, 226

■ 71, 235, 227

■ 94, 235, 228

■ 118, 235, 230

■ 141, 235, 231

■ 164, 235, 232

■ 188, 235, 233

■ 211, 235, 234

Harmonies

Analogous

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



116, 232, 176



0, 235, 224



0, 232, 255

Triad

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



0, 235, 224



234, 193, 255



255, 197, 124

Complementary

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



0, 235, 224



235, 0, 11

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, 181, 154



0, 235, 224



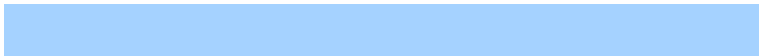
255, 178, 244

Square

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



0, 235, 224



165, 210, 255



255, 174, 198



226, 213, 117

Rectangle

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



0, 235, 224



0, 228, 255



255, 174, 198



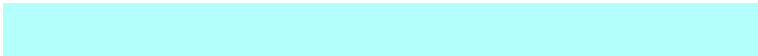
255, 191, 132

Sweetspot

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



0, 235, 224



179, 255, 251



12, 235, 0



82, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



0, 235, 224



0, 255, 243



0, 129, 235



106, 117, 117



0, 181, 173



0, 54, 51

Inverse Universe

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



235, 0, 11



255, 0, 12



235, 106, 0



117, 106, 106



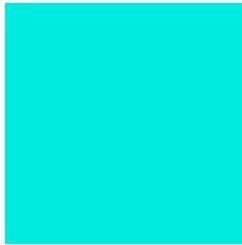
181, 0, 8



54, 0, 3

Previews

White Background



This preview shows how the RGB color 0, 235, 224 looks on a white background.

Color Contrast Check

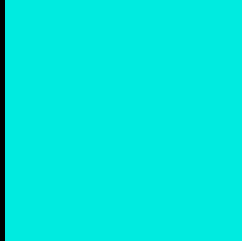
Large Text (above 18pt) WCAG AA × Fail

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 0, 235, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

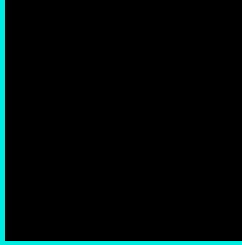
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

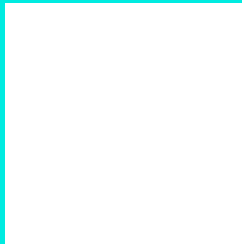
Any Text WCAG AAA ✓ Pass

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

RGB 0, 235, 224 Background



This preview shows how black text looks on a background with the RGB color 0, 235, 224.

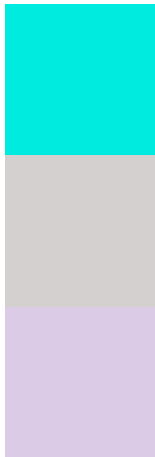


This preview shows how white text looks on a background with the RGB color 0, 235, 224.

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](#).

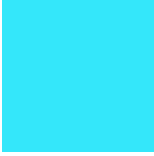
Dichromacy



Original Color
0, 235, 224

Protanopia
212, 208, 208

Deuteranopia
219, 203, 231



Tritanopia
52, 231, 250

Trichromacy



Original Color

0, 235, 224



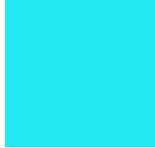
Protanomaly

135, 218, 214



Deuteranomaly

139, 215, 228



Tritanomaly

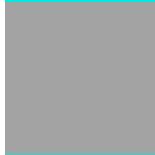
33, 232, 241

Monochromacy



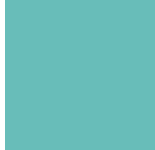
Original Color

0, 235, 224



Achromatopsia

163, 163, 163



Achromatomaly

104, 189, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 235, 224 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(0, 235, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 224)  
}
```

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(0, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 224) }
```

Border

The CSS property to change the border of an element to RGB 0, 235, 224 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(0, 235, 224) }
```

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

```
.border{ border-color:rgb(0, 235, 224) }
```

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

Here you see how a box with a 4 pixel rgb(0, 235, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 0, 235, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 224) }
```

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

```
.background{ background-color: rgb(0, 235,  
224) }
```

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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