

Converting Colors

RGB(35, 200, 216)

Have a look what the booklet for
RGB(35, 200, 216) contains.

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Color

RGB(35, 200, 216)

Conversions

Conversions Part 1

Format	Color
Hex	23C8D8
RGB	35, 200, 216
RGB Percent	14%, 78%, 85%
CMY	0.8627, 0.2157, 0.1529
CMYK	0.84, 0.07, 0.00, 0.15
HSL	185°, 72%, 49%
HSV	185°, 84%, 85%
XYZ	33.7421, 46.6237, 72.1866
YIQ	152.4890, -103.4760, -30.0040

Conversions

Conversions Part 2

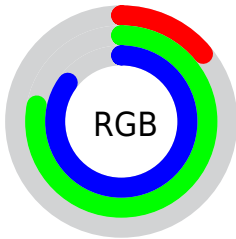
Format	Color
RYB	35, 121, 216
Decimal	2345176
CIELab	73.95, -33.67, -19.31
CIELCh	74, 38.816, 209.832
Yxy	46.6237, 0.2212, 0.3056
Android (android.graphics.Color)	4280535256 (0xFF23C8D8)
YUV	152.4890, 31.3109, -103.0379
Hunter-Lab	68.2816, -31.2851, -14.8837

Details

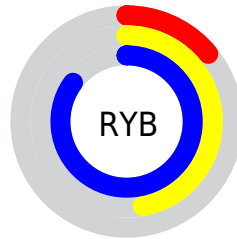
The RGB color **35, 200, 216** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **216, 51, 35**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **116, 255, 255**, and **0, 145, 161** is the 20% darker color. If you saturate the color by 10%, you get **13, 198, 216**, and if you desaturate by 10%, it is **57, 202, 216**.

Distribution



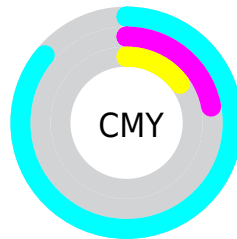
- Red (14%)
- Green (78%)
- Blue (85%)



- Red (14%)
- Yellow (47%)
- Blue (85%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)




















- Cyan (86%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 35, 200, 216 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 35, 200, 216 by changing the saturation by 10% instead.

 35, 200, 216	 35, 200, 216
 255, 255, 255	 0, 172, 188
 116, 255, 255	 0, 145, 161
 149, 255, 255	 0, 119, 135
 180, 255, 255	 0, 94, 110
 211, 255, 255	 0, 70, 85
 242, 255, 255	 0, 47, 62
	 0, 24, 40
	 0, 1, 19
	 0, 0, 0

■ 35, 200, 216

■ 35, 200, 216

■ 13, 198, 216

■ 57, 202, 216

■ 0, 197, 216

■ 78, 204, 216

■ 100, 206, 216

■ 121, 208, 216

■ 143, 210, 216

■ 165, 211, 216

■ 186, 213, 216

■ 208, 215, 216

■ 229, 217, 216

Harmonies

Analogous

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



79, 201, 180



35, 200, 216



68, 195, 242

Triad

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



35, 200, 216



226, 160, 218



206, 180, 110

Complementary

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



35, 200, 216



216, 51, 35

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.



234, 167, 121



35, 200, 216



248, 154, 183

Square

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



35, 200, 216



186, 173, 244



250, 157, 148



168, 190, 119

Rectangle

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



35, 200, 216



110, 189, 251



250, 157, 148



216, 175, 112

Sweetspot

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



35, 200, 216



191, 249, 255



35, 216, 50



89, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



35, 200, 216



0, 232, 255



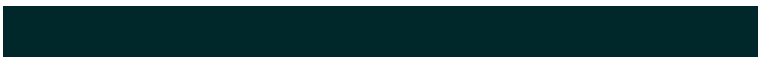
35, 110, 216



96, 106, 107



0, 156, 171



0, 40, 43

Inverse Universe

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



216, 35, 200



255, 0, 232



216, 141, 35



107, 96, 106



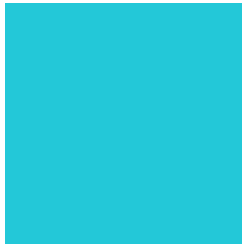
171, 0, 156



43, 0, 40

Previews

White Background



This preview shows how the RGB color 35, 200, 216 looks on a white background.

Color Contrast Check

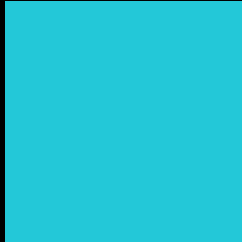
Large Text (above 18pt) WCAG AA × Fail

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 35, 200, 216 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 35, 200, 216 Background



This preview shows how black text looks on a background with the RGB color 35, 200, 216.

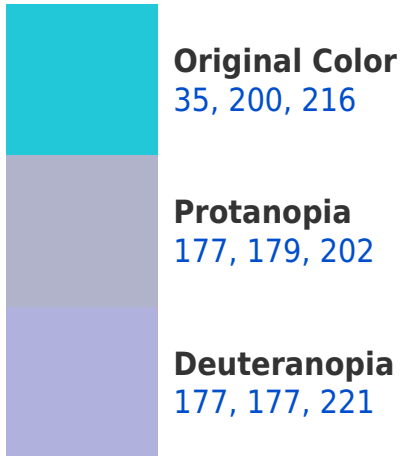


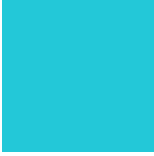
This preview shows how white text looks on a background with the RGB color 35, 200, 216.

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
35, 200, 216

Trichromacy



Original Color

35, 200, 216



Protanomaly

125, 187, 207



Deuteranomaly

125, 185, 219



Tritanomaly

35, 200, 216

Monochromacy



Original Color

35, 200, 216



Achromatopsia

152, 152, 152



Achromatomaly

109, 169, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 35, 200, 216 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(35, 200, 216)` looks like.

```
.text, #text, p{  
    color:rgb(35, 200, 216)  
}
```

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(35, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 200, 216) }
```

Border

The CSS property to change the border of an element to RGB 35, 200, 216 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(35, 200, 216) }
```

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

```
.border{ border-color:rgb(35, 200, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 200, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 200, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 200, 216);  
box-shadow:4px 4px 4px 4px rgb(35, 200,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 35, 200, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 200, 216) }
```

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

```
.background{ background-color: rgb(35, 200,  
216) }
```

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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