

Converting Colors

CIELCh(67, 36.770, 195.387)

Have a look what the booklet for
CIELCh(67, 36.770, 195.387)
contains.

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Color

CIELCh(67, 36.936, 194.772)

Conversions

Conversions Part 1

Format	Color
Hex	26B5B3
RGB	38, 181, 179
RGB Percent	15%, 71%, 70%
CMY	0.8522, 0.2909, 0.2987
CMYK	0.79, 0.00, 0.01, 0.29
HSL	179°, 65%, 43%
HSV	179°, 79%, 71%
XYZ	25.3964, 36.6320, 48.2903
YIQ	138.0150, -84.5860, -30.9380

Conversions

Conversions Part 2

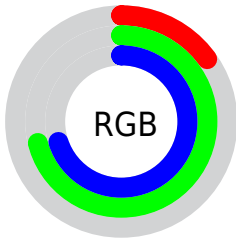
Format	Color
RYB	38, 110, 181
Decimal	2536883
CIELab	67.00, -35.72, -9.42
CIELCh	67, 36.936, 194.772
Yxy	36.6320, 0.2302, 0.3321
Android (android.graphics.Color)	4280726963 (0xFF26B5B3)
YUV	138.0150, 20.2056, -87.7132
Hunter-Lab	60.5244, -31.0180, -4.9384

Details

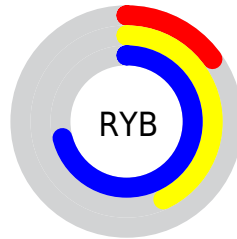
The CIELCh color **67, 36.936, 194.772** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **40, 66.290, 32.516**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 36.843, 195.379**, and **48, 30.059, 195.222** is the 20% darker color. If you saturate the color by 10%, you get **67, 38.320, 194.516**, and if you desaturate by 10%, it is **67, 34.752, 195.062**.

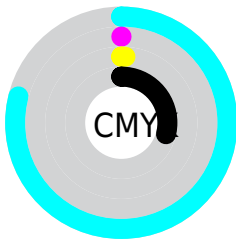
Distribution



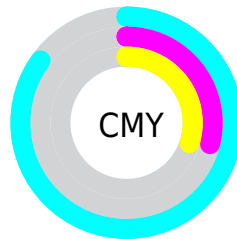
- Red (15%)
- Green (71%)
- Blue (70%)



- Red (15%)
- Yellow (43%)
- Blue (71%)



- Cyan (79%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)




- Cyan (85%)
- Magenta (29%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 36.936, 194.772 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 CIELCh color 67, 36.936, 194.772 by changing the saturation by 10% instead.


 67, 36.936,
194.772


 67, 36.936,
194.772


 100, 36.936,
194.772

 57, 36.936,
194.772


 87, 36.936,
194.772

 47, 36.936,
194.772

 97, 36.936,
194.772

 37, 36.936,
194.772

 27, 36.936,
194.772

 17, 36.936,
194.772

 7, 36.936, 194.772

 0, 36.936, 194.772

67, 36.936,
194.772

67, 36.936,
194.772

67, 38.320,
194.516

67, 34.752,
195.062

67, 39.065,
194.287

68, 31.739,
195.396

67, 39.120,
194.268

68, 27.915,
195.777

69, 23.339,
196.206

70, 18.099,
196.683

71, 12.296,
197.208

72, 6.038, 197.799

74, 0.572, 17.400

Harmonies

Complementary

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



67, 36.936, 194.772



40, 66.290, 32.516

Rectangle

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



67, 36.936, 194.772



67, 36.936, 244.772



67, 36.936, 14.772



67, 36.936, 64.772

Sweetspot

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



67, 36.936, 194.771



89, 18.722, 196.926



65, 84.521, 137.087



47, 12.695, 196.746



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 36.936, 194.771



85, 47.253, 194.345



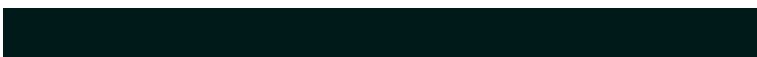
46, 43.051, 273.045



37, 3.695, 197.789



57, 34.578, 194.296



7, 9.153, 197.418

Inverse Universe

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



40, 66.290, 32.516



49, 95.060, 38.479



52, 54.533, 63.679



35, 3.910, 18.781



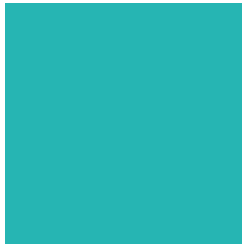
31, 70.407, 38.969



2, 9.159, 18.506

Previews

White Background



This preview shows how the CIELCh color 67, 36.936, 194.772 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 CIELCh color 67, 36.936, 194.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

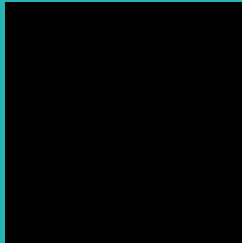
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

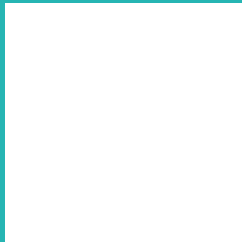
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 36.936, 194.772

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.936, 194.772.

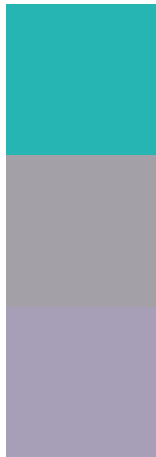


This preview shows how white text looks on a background with the CIELCh color 67, 36.936, 194.772.

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

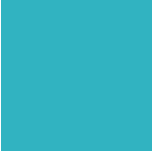
67, 36.936, 194.772

Protanopia

67, 3.420, 303.223

Deuteranopia

67, 14.824, 304.312



Tritanopia
67, 33.888, 210.259

Trichromacy



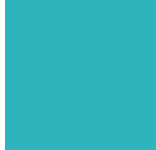
Original Color
67, 36.936, 194.772



Protanomaly
66, 17.495, 203.475



Deuteranomaly
65, 17.425, 229.174

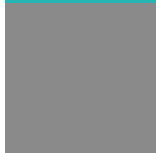


Tritanomaly
67, 34.777, 204.141

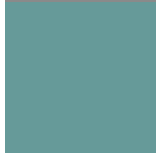
Monochromacy



Original Color
67, 36.936, 194.772



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 18.120, 195.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.936, 194.772 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(38, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(38, 181, 179)  
}
```

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(38, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 181, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.936, 194.772 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(38, 181, 179) }
```

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

```
.border{ border-color:rgb(38, 181, 179) }
```

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

Here you see how a box with a 4 pixel rgb(38, 181, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(38, 181,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.936, 194.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 181, 179) }
```

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

```
.background{ background-color: rgb(38, 181,  
179) }
```

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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