

Converting Colors

CIELCh(69, 36.881, 190.716)

Have a look what the booklet for
CIELCh(69, 36.881, 190.716)
contains.

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Color

CIELCh(69, 36.668, 191.346)

Conversions

Conversions Part 1

Format	Color
Hex	36BAB4
RGB	54, 186, 180
RGB Percent	21%, 73%, 71%
CMY	0.7866, 0.2694, 0.2930
CMYK	0.71, 0.00, 0.03, 0.27
HSL	177°, 55%, 47%
HSV	177°, 71%, 73%
XYZ	27.4321, 39.3444, 49.4820
YIQ	145.8480, -76.7460, -29.8500

Conversions

Conversions Part 2

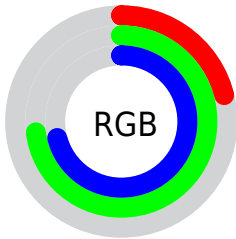
Format	Color
RYB	54, 122, 186
Decimal	3586740
CIELab	69.00, -35.95, -7.21
CIELCh	69, 36.668, 191.346
Yxy	39.3444, 0.2360, 0.3384
Android (android.graphics.Color)	4281776820 (0xFF36BAB4)
YUV	145.8480, 16.8369, -80.5507
Hunter-Lab	62.7251, -31.7041, -2.8646

Details

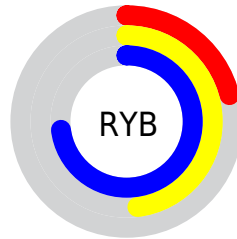
The CIELCh color **69, 36.668, 191.346** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **43, 59.579, 27.503**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 36.776, 191.307**, and **50, 31.660, 190.889** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.902, 190.774**, and if you desaturate by 10%, it is **69, 33.586, 191.912**.

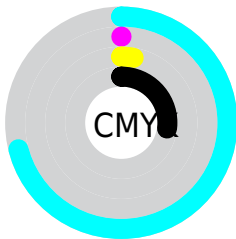
Distribution



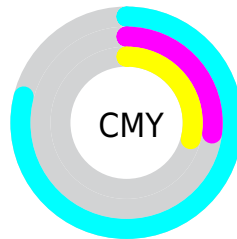
- Red (21%)
- Green (73%)
- Blue (71%)



- Red (21%)
- Yellow (48%)
- Blue (73%)



- Cyan (71%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)





- Cyan (79%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 36.668, 191.346 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 69, 36.668, 191.346 by changing the saturation by 10% instead.

 69, 36.668,
191.346


 69, 36.668,
191.346

 100, 36.668,
191.346


 59, 36.668,
191.346


 89, 36.668,
191.346

 49, 36.668,
191.346

 99, 36.668,
191.346

 39, 36.668,
191.346

 29, 36.668,
191.346

 19, 36.668,
191.346

 9, 36.668, 191.346

 0, 36.668, 191.346

69, 36.668,
191.346

69, 36.668,
191.346

69, 38.902,
190.774

69, 33.586,
191.912

68, 40.324,
190.189

70, 29.673,
192.486

68, 41.098,
189.633

71, 24.991,
193.074

72, 19.628,
193.682

73, 13.691,
194.314

74, 7.293, 194.985

76, 0.541, 196.524

77, 6.466, 16.151

Harmonies

Complementary

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



69, 36.668, 191.346



43, 59.579, 27.503

Rectangle

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



69, 36.668, 191.346



69, 36.668, 241.346



69, 36.668, 11.346



69, 36.668, 61.346

Sweetspot

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



69, 36.668, 191.345



92, 17.094, 194.278



67, 79.981, 137.376



49, 11.565, 194.100



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 36.668, 191.345



87, 48.463, 190.449



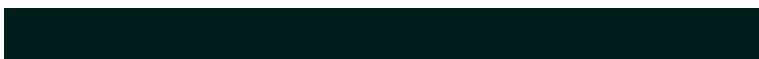
51, 37.804, 265.756



39, 3.884, 195.088



59, 36.382, 189.713



9, 11.896, 191.680

Inverse Universe

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



43, 59.579, 27.503



52, 88.082, 33.479



55, 49.760, 61.817



37, 4.098, 16.229



32, 71.055, 37.807



3, 12.272, 16.779

Previews

White Background



This preview shows how the CIELCh color 69, 36.668, 191.346 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 69, 36.668, 191.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

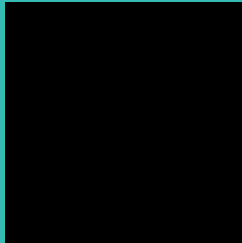
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

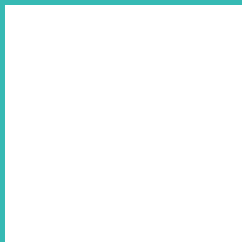
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 36.668, 191.346

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.668, 191.346.

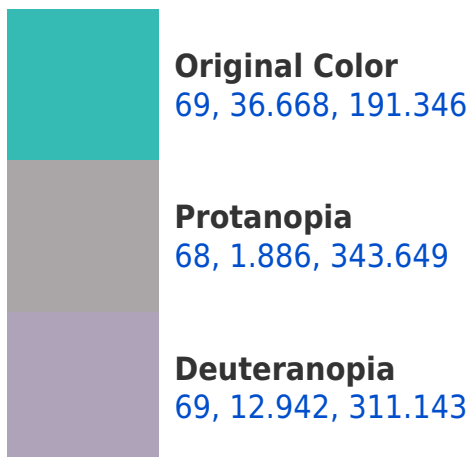


This preview shows how white text looks on a background with the CIELCh color 69, 36.668, 191.346.

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
69, 32.836, 210.735

Trichromacy



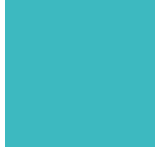
Original Color
69, 36.668, 191.346



Protanomaly
68, 15.785, 196.096



Deuteranomaly
68, 14.967, 224.830



Tritanomaly
69, 33.862, 203.454

Monochromacy



Original Color
69, 36.668, 191.346



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 17.047, 192.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.668, 191.346 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(54, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(54, 186, 180)  
}
```

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(54, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 186, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.668, 191.346 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(54, 186, 180) }
```

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

```
.border{ border-color:rgb(54, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(54, 186,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.668, 191.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 186, 180) }
```

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

```
.background{ background-color: rgb(54, 186,  
180) }
```

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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