

Converting Colors

CIELCh(69, 35.924, 196.654)

Have a look what the booklet for
CIELCh(69, 35.924, 196.654)
contains.

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Color

CIELCh(69, 35.988, 196.645)

Conversions

Conversions Part 1

Format	Color
Hex	34BABA
RGB	52, 186, 186
RGB Percent	20%, 73%, 73%
CMY	0.7966, 0.2710, 0.2710
CMYK	0.72, 0.00, 0.00, 0.27
HSL	180°, 56%, 47%
HSV	180°, 72%, 73%
XYZ	27.8002, 39.3444, 52.5301
YIQ	145.9340, -79.8640, -28.4080

Conversions

Conversions Part 2

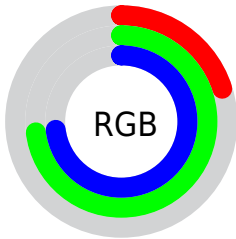
Format	Color
RYB	52, 119, 186
Decimal	3455674
CIELab	69.00, -34.48, -10.31
CIELCh	69, 35.988, 196.645
Yxy	39.3444, 0.2323, 0.3288
Android (android.graphics.Color)	4281645754 (0xFF34BABA)
YUV	145.9340, 19.7525, -82.3801
Hunter-Lab	62.7251, -30.6566, -5.7457

Details

The CIELCh color **69, 35.988, 196.645** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **43, 62.097, 30.969**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 36.206, 196.279**, and **50, 30.584, 197.522** is the 20% darker color. If you saturate the color by 10%, you get **69, 37.906, 196.503**, and if you desaturate by 10%, it is **69, 33.223, 196.848**.

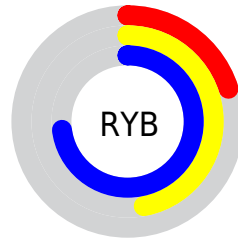
Distribution



Red (20%)

Green (73%)

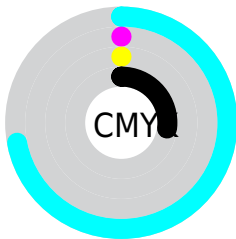
Blue (73%)



Red (20%)

Yellow (47%)

Blue (73%)

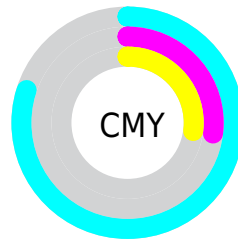


Cyan (72%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (80%)


Magenta (27%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 35.988, 196.645 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, 35.988, 196.645 by changing the saturation by 10% instead.


 69, 35.988,
196.645

 69, 35.988,
196.645


 100, 35.988,
196.645


 59, 35.988,
196.645


 89, 35.988,
196.645

 49, 35.988,
196.645

 99, 35.988,
196.645

 39, 35.988,
196.645

 29, 35.988,
196.645

 19, 35.988,
196.645

 9, 35.988, 196.645

 0, 35.988, 196.645

69, 35.988,
196.645

69, 35.988,
196.645

69, 37.906,
196.503

69, 33.223,
196.848

69, 39.031,
196.422

70, 29.615,
197.117

68, 39.522,
196.386

71, 25.209,
197.451

72, 20.085,
197.847

73, 14.343,
198.302

74, 8.091, 198.822

75, 1.438, 199.653

77, 5.518, 19.759

Harmonies

Complementary

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



69, 35.988, 196.645



43, 62.097, 30.969

Rectangle

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



69, 35.988, 196.645



69, 35.988, 246.645



69, 35.988, 16.645



69, 35.988, 66.645

Sweetspot

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



69, 35.988, 196.644



92, 17.689, 198.289



67, 81.418, 137.725



49, 11.871, 198.160



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, 35.988, 196.644



87, 47.210, 196.445



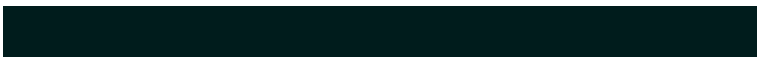
49, 40.367, 270.255



38, 3.777, 198.984



58, 34.644, 196.386



8, 10.518, 197.738

Inverse Universe

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



43, 62.097, 30.969



52, 92.332, 36.680



55, 50.582, 64.710



36, 4.004, 19.915



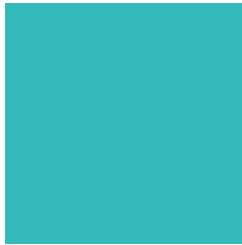
32, 71.870, 39.599



2, 10.638, 19.405

Previews

White Background



This preview shows how the CIELCh color 69, 35.988, 196.645 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, 35.988, 196.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

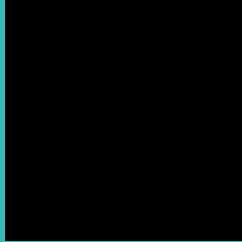
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

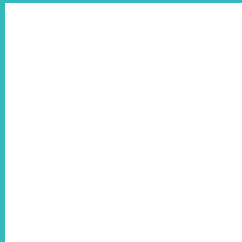
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 35.988, 196.645

Background



This preview shows how black text looks on a background with the CIELCh color 69, 35.988, 196.645.

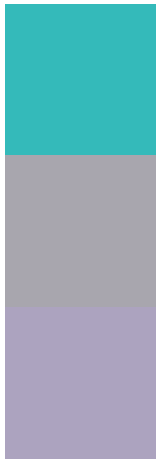


This preview shows how white text looks on a background with the CIELCh color 69, 35.988, 196.645.

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](#).

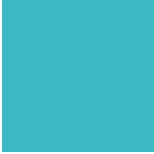
Dichromacy



Original Color
69, 35.988, 196.645

Protanopia
68, 4.480, 300.188

Deuteranopia
69, 15.815, 303.463



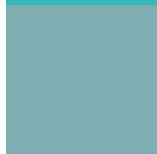
Tritanopia
69, 33.540, 211.390

Trichromacy



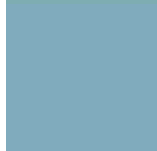
Original Color

69, 35.988, 196.645



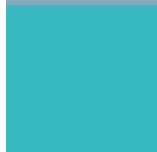
Protanomaly

68, 16.260, 207.966



Deuteranomaly

68, 17.121, 234.135



Tritanomaly

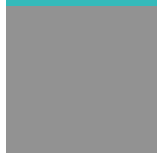
69, 34.290, 205.240

Monochromacy



Original Color

69, 35.988, 196.645



Achromatopsia

61, 0.008, 296.813



Achromatomaly

63, 17.070, 197.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 35.988, 196.645 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(52, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(52, 186, 186)  
}
```

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(52, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 186, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 35.988, 196.645 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(52, 186, 186) }
```

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

```
.border{ border-color:rgb(52, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(52, 186,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 35.988, 196.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 186, 186) }
```

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

```
.background{ background-color: rgb(52, 186,  
186) }
```

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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