

Converting Colors

CIELCh(69, 31.994, 217.016)

Have a look what the booklet for
CIELCh(69, 31.994, 217.016)
contains.

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Color

CIELCh(69, 32.029, 216.430)

Conversions

Conversions Part 1

Format	Color
Hex	46B7CA
RGB	70, 183, 202
RGB Percent	27%, 72%, 79%
CMY	0.7263, 0.2830, 0.2085
CMYK	0.65, 0.09, 0.00, 0.21
HSL	189°, 55%, 53%
HSV	189°, 65%, 79%
XYZ	30.0468, 39.3444, 61.7774
YIQ	151.3790, -73.4470, -18.0470

Conversions

Conversions Part 2

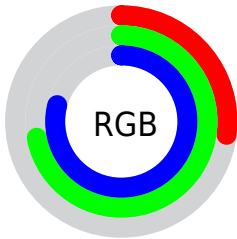
Format	Color
RYB	70, 131, 202
Decimal	4634570
CIELab	69.00, -25.77, -19.02
CIElCh	69, 32.029, 216.430
Yxy	39.3444, 0.2291, 0.3000
Android (android.graphics.Color)	4282824650 (0xFF46B7CA)
YUV	151.3790, 24.9562, -71.3694
Hunter-Lab	62.7251, -24.2633, -14.4866

Details

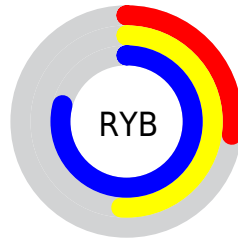
The CIELCh color **69, 32.029, 216.430** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **52, 54.720, 37.054**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 31.696, 212.945**, and **50, 29.374, 218.190** is the 20% darker color. If you saturate the color by 10%, you get **68, 34.275, 217.942**, and if you desaturate by 10%, it is **70, 28.950, 215.287**.

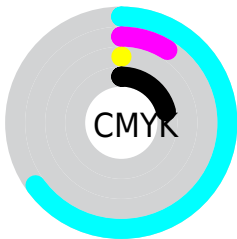
Distribution



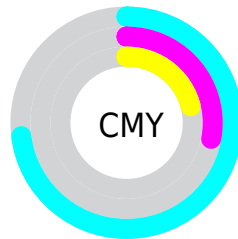
- Red (27%)
- Green (72%)
- Blue (79%)



- Red (27%)
- Yellow (51%)
- Blue (79%)



- Cyan (65%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)





- Cyan (73%)
- Magenta (28%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.029, 216.430 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, 32.029, 216.430 by changing the saturation by 10% instead.


 69, 32.029,
216.430


 69, 32.029,
216.430


 100, 32.029,
216.430


 59, 32.029,
216.430


 89, 32.029,
216.430

 49, 32.029,
216.430

 99, 32.029,
216.430

 39, 32.029,
216.430

 29, 32.029,
216.430

 19, 32.029,
216.430

 9, 32.029, 216.430

 0, 32.029, 216.430

69, 32.029,
216.430

69, 32.029,
216.430

68, 34.275,
217.942

70, 28.950,
215.287

67, 35.702,
219.889

72, 25.082,
214.456

65, 36.394,
222.316

74, 20.500,
213.880

65, 36.586,
223.526

76, 15.301,
213.514

78, 9.589, 213.324

80, 3.463, 213.343

82, 2.986, 33.014

85, 9.678, 33.237

87, 16.547, 33.414

Harmonies

Complementary

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



69, 32.029, 216.430



52, 54.720, 37.054

Rectangle

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



69, 32.029, 216.430



69, 32.029, 266.430



69, 32.029, 36.430



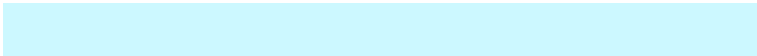
69, 32.029, 86.430

Sweetspot

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



69, 32.028, 216.429



95, 14.811, 213.395



72, 74.866, 141.973



50, 10.010, 213.455



0, 0.000, 0.000



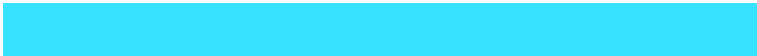
53, 0.007, 296.813

Same Dimension

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



69, 32.028, 216.429



83, 41.790, 218.793



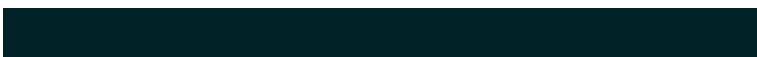
50, 49.469, 282.234



42, 3.618, 213.296



54, 31.622, 223.093



11, 11.926, 216.892

Inverse Universe

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



52, 72.705, 332.675



61, 97.749, 333.605



66, 50.578, 79.379



40, 6.826, 329.174



38, 74.867, 334.867



5, 25.831, 332.816

Previews

White Background



This preview shows how the CIE LCh color 69, 32.029, 216.430 looks on a white background.

Color Contrast Check

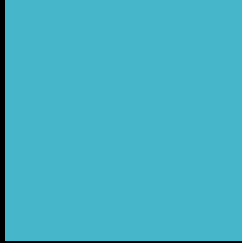
Large Text (above 18pt) WCAG AA × Fail

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, 32.029, 216.430 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, 32.029, 216.430

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.029, 216.430.

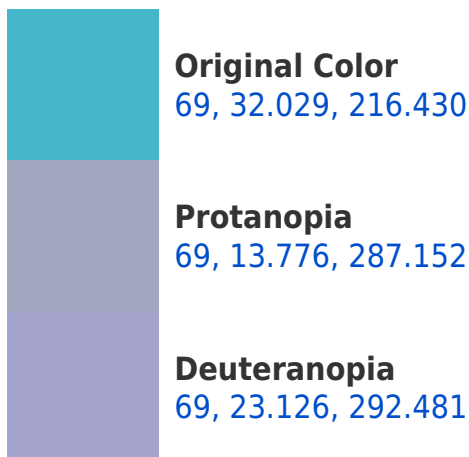


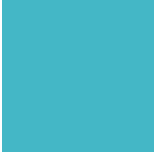
This preview shows how white text looks on a background with the CIELCh color 69, 32.029, 216.430.

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](#).

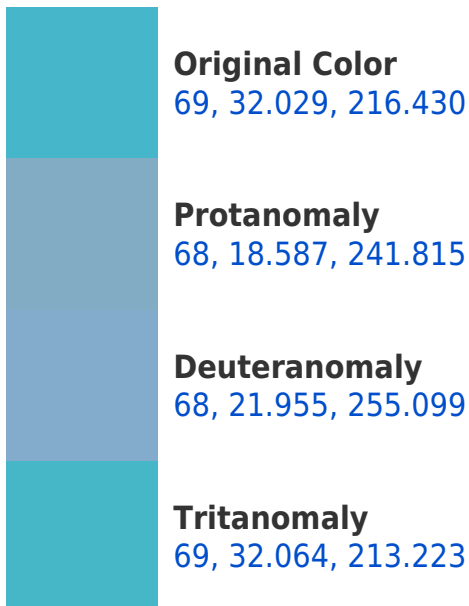
Dichromacy



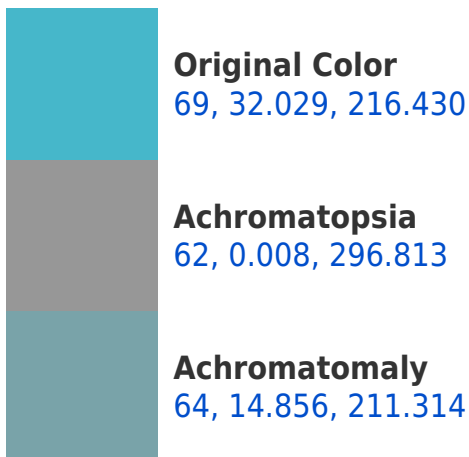


Tritanopia
69, 32.199, 212.100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.029, 216.430 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(70, 183, 202)` looks like.

```
.text, #text, p{  
    color:rgb(70, 183, 202)  
}
```

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(70, 183, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 183, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.029, 216.430 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(70, 183, 202) }
```

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

```
.border{ border-color:rgb(70, 183, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 183, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 183, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 183, 202);  
box-shadow:4px 4px 4px 4px rgb(70, 183,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.029, 216.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 183, 202) }
```

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

```
.background{ background-color: rgb(70, 183,  
202) }
```

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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