

Converting Colors

CIELCh(69, 25.158, 218.292)

Have a look what the booklet for
CIELCh(69, 25.158, 218.292)
contains.

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Color

CIELCh(69, 25.153, 218.314)

Conversions

Conversions Part 1

Format	Color
Hex	66B4C4
RGB	102, 180, 196
RGB Percent	40%, 71%, 77%
CMY	0.6009, 0.2949, 0.2322
CMYK	0.48, 0.08, 0.00, 0.23
HSL	190°, 44%, 58%
HSV	190°, 48%, 77%
XYZ	31.6722, 39.3444, 58.0213
YIQ	158.5020, -51.6240, -11.5600

Conversions

Conversions Part 2

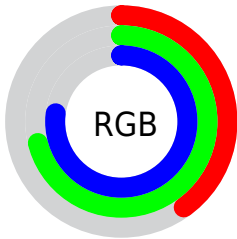
Format	Color
RYB	102, 145, 196
Decimal	6730948
CIELab	69.00, -19.74, -15.59
CIELCh	69, 25.153, 218.314
Yxy	39.3444, 0.2454, 0.3049
Android (android.graphics.Color)	4284921028 (0xFF66B4C4)
YUV	158.5020, 18.4865, -49.5523
Hunter-Lab	62.7251, -19.6378, -10.9362

Details

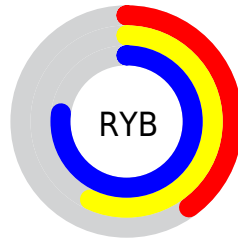
The CIELCh color **69, 25.153, 218.314** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 36.203, 37.163**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 25.281, 218.654**, and **49, 25.087, 217.982** is the 20% darker color. If you saturate the color by 10%, you get **67, 28.726, 219.472**, and if you desaturate by 10%, it is **71, 20.890, 217.463**.

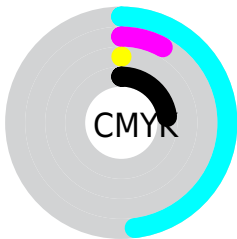
Distribution



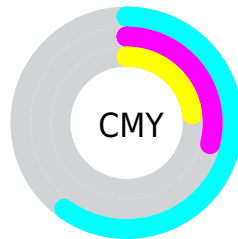
- Red (40%)
- Green (71%)
- Blue (77%)



- Red (40%)
- Yellow (57%)
- Blue (77%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)





- Cyan (60%)
- Magenta (29%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 25.153, 218.314 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, 25.153, 218.314 by changing the saturation by 10% instead.


 69, 25.153,
218.314


 69, 25.153,
218.314


 100, 25.153,
218.314


 59, 25.153,
218.314


 89, 25.153,
218.314

 49, 25.153,
218.314

 99, 25.153,
218.314

 39, 25.153,
218.314

 29, 25.153,
218.314

 19, 25.153,
218.314

 9, 25.153, 218.314

 0, 25.153, 218.314

69, 25.153,
218.314

69, 25.153,
218.314

67, 28.726,
219.472

71, 20.890,
217.463

66, 31.546,
221.012

73, 16.026,
216.867

64, 33.589,
223.003

75, 10.656,
216.480

63, 34.888,
225.517

77, 4.873, 216.292

62, 35.581,
228.564

80, 1.234, 35.618

82, 7.589, 35.954

62, 35.701,
229.190

85, 14.128, 36.029

87, 19.501, 37.107

88, 18.898, 43.019

Harmonies

Complementary

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



69, 25.153, 218.314



58, 36.203, 37.163

Rectangle

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



69, 25.153, 218.314



69, 25.153, 268.314



69, 25.153, 38.314



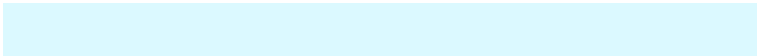
69, 25.153, 88.314

Sweetspot

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



69, 25.153, 218.312



96, 10.378, 216.382



72, 54.293, 145.260



51, 7.119, 216.435



0, 0.000, 0.000



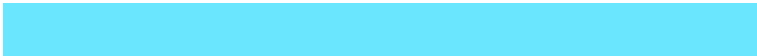
53, 0.007, 296.813

Same Dimension

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



69, 25.153, 218.312



85, 35.395, 219.594



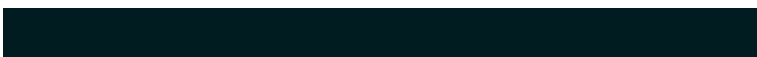
56, 36.602, 279.712



40, 3.407, 216.302



51, 30.825, 228.653



8, 10.539, 221.763

Inverse Universe

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



57, 54.021, 332.549



68, 78.564, 333.284



69, 36.797, 84.813



38, 6.423, 330.044



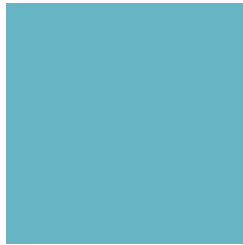
36, 71.738, 336.292



4, 20.615, 333.059

Previews

White Background



This preview shows how the CIELCh color 69, 25.153, 218.314 looks on a white background.

Color Contrast Check

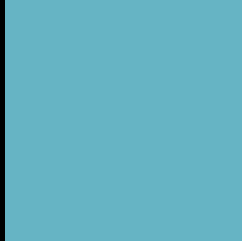
Large Text (above 18pt) WCAG AA × Fail

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, 25.153, 218.314 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, 25.153, 218.314

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.153, 218.314.



This preview shows how white text looks on a background with the CIELCh color 69, 25.153, 218.314.

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

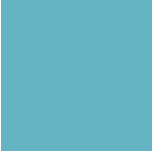
69, 25.153, 218.314

Protanopia

69, 11.555, 289.571

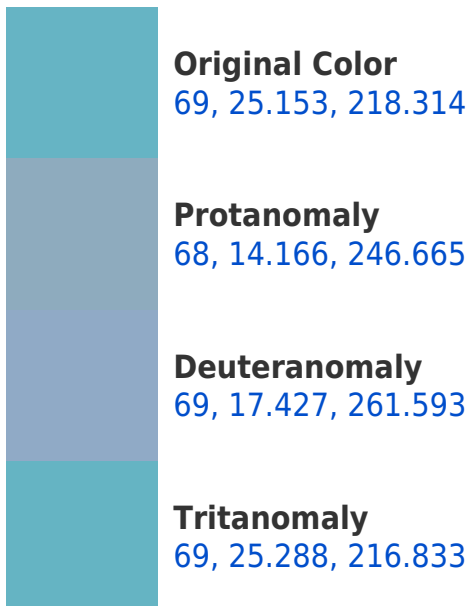
Deuteranopia

69, 19.352, 296.230



Tritanopia
69, 25.288, 216.833

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.153, 218.314 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(102, 180, 196)` looks like.

```
.text, #text, p{  
    color:rgb(102, 180, 196)  
}
```

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(102, 180, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 180, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.153, 218.314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

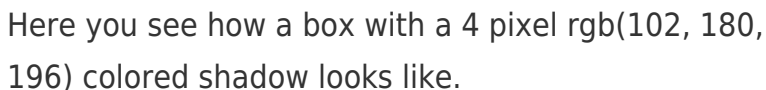
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 180, 196) }
```

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

```
.border{ border-color:rgb(102, 180, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 180, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 180, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 180, 196);  
box-shadow:4px 4px 4px 4px rgb(102, 180,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.153, 218.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 180, 196) }
```

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

```
.background{ background-color: rgb(102,  
180, 196) }
```

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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