

Converting Colors

CIE LCh(69, 26.190, 218.047)

Have a look what the booklet for
CIELCh(69, 26.190, 218.047)
contains.

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Color

CIELCh(69, 26.124, 218.769)

Conversions

Conversions Part 1

Format	Color
Hex	62B4C5
RGB	98, 180, 197
RGB Percent	38%, 71%, 77%
CMY	0.6151, 0.2935, 0.2269
CMYK	0.50, 0.09, 0.00, 0.23
HSL	190°, 46%, 58%
HSV	190°, 50%, 77%
XYZ	31.4991, 39.3444, 58.8456
YIQ	157.4200, -54.3290, -12.0970

Conversions

Conversions Part 2

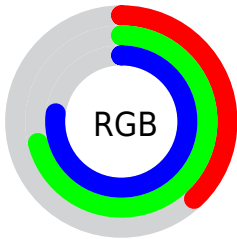
Format	Color
RYB	98, 143, 197
Decimal	6468805
CIELab	69.00, -20.37, -16.36
CIElCh	69, 26.124, 218.769
Yxy	39.3444, 0.2429, 0.3034
Android (android.graphics.Color)	4284658885 (0xFF62B4C5)
YUV	157.4200, 19.5129, -52.1113
Hunter-Lab	62.7251, -20.1303, -11.7154

Details

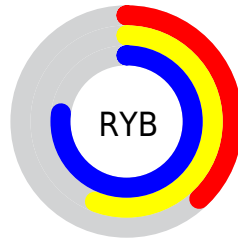
The CIELCh color **69, 26.124, 218.769** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 38.367, 37.456**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 26.120, 219.163**, and **49, 26.118, 218.461** is the 20% darker color. If you saturate the color by 10%, you get **67, 29.554, 220.022**, and if you desaturate by 10%, it is **71, 21.985, 217.841**.

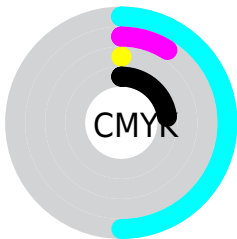
Distribution



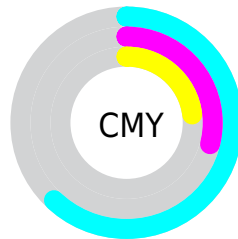
- Red (38%)
- Green (71%)
- Blue (77%)



- Red (38%)
- Yellow (56%)
- Blue (77%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)





- Cyan (62%)
- Magenta (29%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 26.124, 218.769 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, 26.124, 218.769 by changing the saturation by 10% instead.


 69, 26.124,
218.769


 69, 26.124,
218.769


 100, 26.124,
218.769


 59, 26.124,
218.769


 89, 26.124,
218.769

 49, 26.124,
218.769

 99, 26.124,
218.769

 39, 26.124,
218.769

 29, 26.124,
218.769

 19, 26.124,
218.769

 9, 26.124, 218.769

 0, 26.124, 218.769

69, 26.124,
218.769

69, 26.124,
218.769

67, 29.554,
220.022

71, 21.985,
217.841

66, 32.219,
221.676

73, 17.222,
217.182

64, 34.106,
223.804

75, 11.930,
216.741

63, 35.264,
226.471

77, 6.204, 216.495

62, 35.893,
229.552

80, 0.133, 220.338

82, 6.203, 36.107

84, 12.737, 36.174

87, 19.080, 36.527

88, 18.452, 42.663

Harmonies

Complementary

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



69, 26.124, 218.769



57, 38.367, 37.456

Rectangle

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



69, 26.124, 218.769



69, 26.124, 268.769



69, 26.124, 38.769



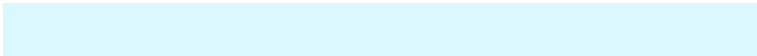
69, 26.124, 88.769

Sweetspot

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



69, 26.124, 218.767



96, 11.076, 216.593



72, 56.916, 144.991



50, 7.509, 216.651



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, 26.124, 218.767



85, 36.130, 220.125



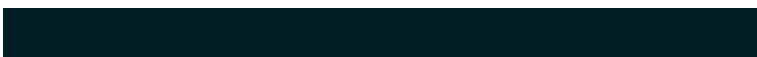
55, 38.571, 280.282



41, 3.478, 216.485



52, 31.189, 229.039



9, 11.276, 221.263

Inverse Universe

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



56, 56.488, 332.757



67, 80.607, 333.486



69, 38.739, 84.498



39, 6.555, 330.100



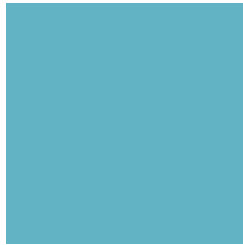
37, 72.477, 336.393



4, 23.018, 333.661

Previews

White Background



This preview shows how the CIELCh color 69, 26.124, 218.769 looks on a white background.

Color Contrast Check

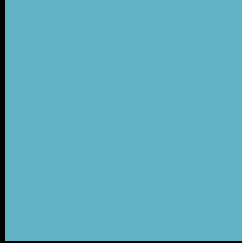
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 26.124, 218.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

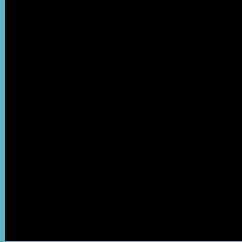
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 26.124, 218.769

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.124, 218.769.



This preview shows how white text looks on a background with the CIELCh color 69, 26.124, 218.769.

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, 26.124, 218.769

Protanopia

69, 12.114, 288.026

Deuteranopia

69, 20.422, 295.123



Tritanopia
69, 26.171, 216.102

Trichromacy



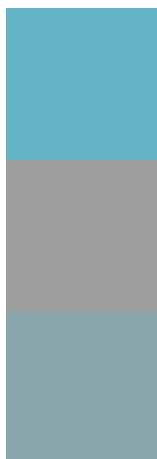
Original Color
69, 26.124, 218.769

Protanomaly
68, 14.966, 246.427

Deuteranomaly
69, 18.643, 261.793

Tritanomaly
69, 26.249, 217.343

Monochromacy



Original Color
69, 26.124, 218.769

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.071, 216.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.124, 218.769 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(98, 180, 197)` looks like.

```
.text, #text, p{  
    color:rgb(98, 180, 197)  
}
```

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(98, 180, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 180, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.124, 218.769 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(98, 180, 197) }
```

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

```
.border{ border-color:rgb(98, 180, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 180, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 180, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 180, 197);  
box-shadow:4px 4px 4px 4px rgb(98, 180,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.124, 218.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 180, 197) }
```

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

```
.background{ background-color: rgb(98, 180,  
197) }
```

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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