

Converting Colors

CIELCh(69, 23.330, 197.661)

Have a look what the booklet for
CIELCh(69, 23.330, 197.661)
contains.

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Color

CIELCh(69, 23.304, 197.554)

Conversions

Conversions Part 1

Format	Color
Hex	6DB4B4
RGB	109, 180, 180
RGB Percent	43%, 71%, 71%
CMY	0.5713, 0.2929, 0.2929
CMYK	0.39, 0.00, 0.00, 0.29
HSL	180°, 32%, 57%
HSV	180°, 39%, 71%
XYZ	30.9964, 39.3444, 49.3034
YIQ	158.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

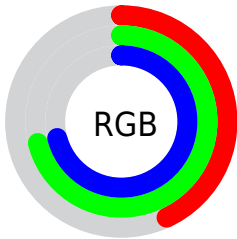
Format	Color
RYB	109, 145, 180
Decimal	7189684
CIELab	69.00, -22.22, -7.03
CIElCh	69, 23.304, 197.554
Yxy	39.3444, 0.2591, 0.3288
Android (android.graphics.Color)	4285379764 (0xFF6DB4B4)
YUV	158.7710, 10.4659, -43.6492
Hunter-Lab	62.7251, -21.5609, -2.6957

Details

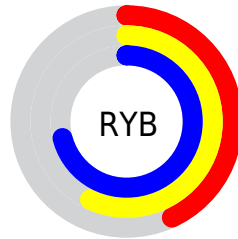
The CIELCh color **69, 23.304, 197.554** is a light color, and the websafe version is hex **669999**. A complement of this color would be **54, 30.681, 23.141**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 23.278, 197.895**, and **49, 23.445, 197.013** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.808, 197.200**, and if you desaturate by 10%, it is **70, 18.127, 197.963**.

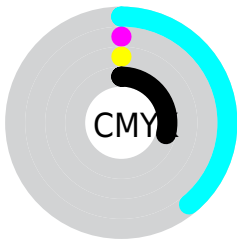
Distribution



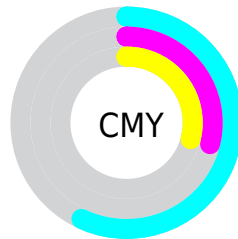
- Red (43%)
- Green (71%)
- Blue (71%)



- Red (43%)
- Yellow (57%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)





- Cyan (57%)
- Magenta (29%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 23.304, 197.554 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, 23.304, 197.554 by changing the saturation by 10% instead.


 69, 23.304,
197.554

 69, 23.304,
197.554


 100, 23.304,
197.554


 59, 23.304,
197.554


 89, 23.304,
197.554

 49, 23.304,
197.554

 99, 23.304,
197.554

 39, 23.304,
197.554

 29, 23.304,
197.554

 19, 23.304,
197.554

 9, 23.304, 197.554

 0, 23.304, 197.554

69, 23.304,
197.554

69, 23.304,
197.554

68, 27.808,
197.200

70, 18.127,
197.963

68, 31.555,
196.913

71, 12.377,
198.434

67, 34.489,
196.690

72, 6.161, 198.979

67, 36.596,
196.532

74, 0.419, 18.217

75, 7.268, 19.936

67, 37.910,
196.433

77, 14.303, 20.563

67, 38.598,
196.382

78, 21.456, 21.184

80, 28.670, 21.807

67, 38.636,
196.379

80, 29.249, 21.856

Harmonies

Complementary

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



69, 23.304, 197.554



54, 30.681, 23.141

Rectangle

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



69, 23.304, 197.554



69, 23.304, 247.554



69, 23.304, 17.554



69, 23.304, 67.554

Sweetspot

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



69, 23.304, 197.551



91, 9.692, 198.814



67, 46.945, 141.144



48, 6.402, 198.743



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 23.304, 197.551



87, 33.058, 197.251



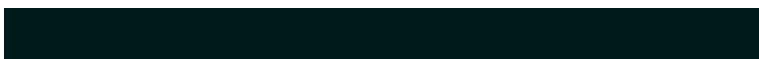
59, 22.288, 260.179



37, 3.691, 198.983



57, 34.228, 196.379



7, 9.138, 199.096

Inverse Universe

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



54, 30.681, 23.141



65, 46.575, 24.589



62, 25.202, 68.848



35, 3.911, 19.908



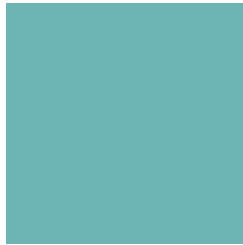
31, 70.928, 39.524



2, 9.156, 19.402

Previews

White Background



This preview shows how the CIE LCh color 69, 23.304, 197.554 looks on a white background.

Color Contrast Check

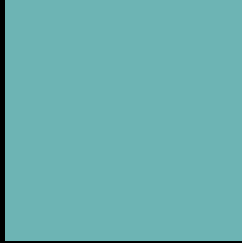
Large Text (above 18pt) WCAG AA × Fail

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, 23.304, 197.554 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

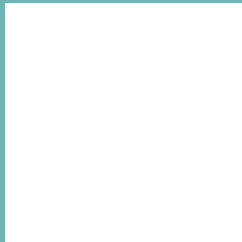
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 23.304, 197.554

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.304, 197.554.

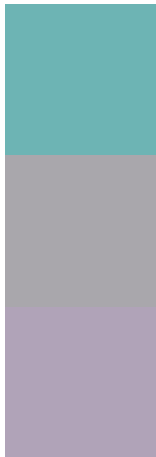


This preview shows how white text looks on a background with the CIELCh color 69, 23.304, 197.554.

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, 23.304, 197.554

Protanopia

69, 2.864, 305.615

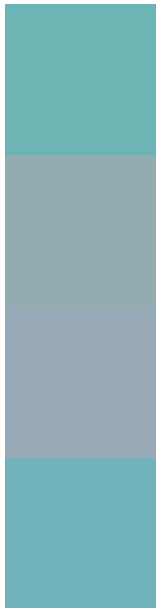
Deuteranopia

69, 12.564, 313.577



Tritanopia
69, 21.986, 220.110

Trichromacy



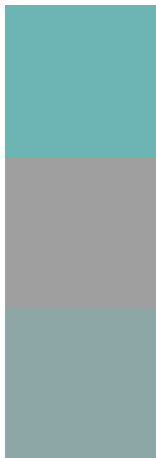
Original Color
69, 23.304, 197.554

Protanomaly
69, 9.102, 209.205

Deuteranomaly
68, 9.655, 252.251

Tritanomaly
69, 22.009, 210.860

Monochromacy



Original Color
69, 23.304, 197.554

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 9.452, 198.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.304, 197.554 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(109, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(109, 180, 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(109, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 180, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.304, 197.554 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(109, 180, 180) }
```

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

```
.border{ border-color:rgb(109, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(109, 180,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.304, 197.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 180, 180) }
```

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

```
.background{ background-color: rgb(109,  
180, 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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