

Converting Colors

CIELCh(69, 17.873, 199.574)

Have a look what the booklet for
CIELCh(69, 17.873, 199.574)
contains.

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Color

CIELCh(69, 18.095, 199.716)

Conversions

Conversions Part 1

Format	Color
Hex	7DB2B3
RGB	125, 178, 179
RGB Percent	49%, 70%, 70%
CMY	0.5106, 0.3028, 0.2989
CMYK	0.30, 0.01, 0.00, 0.30
HSL	181°, 26%, 60%
HSV	181°, 30%, 70%
XYZ	32.4185, 39.3444, 48.4188
YIQ	162.2670, -31.9090, -10.9250

Conversions

Conversions Part 2

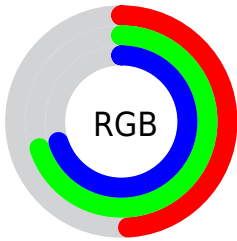
Format	Color
RYB	125, 152, 179
Decimal	8237747
CIELab	69.00, -17.03, -6.10
CIElCh	69, 18.095, 199.716
Yxy	39.3444, 0.2697, 0.3274
Android (android.graphics.Color)	4286427827 (0xFF7DB2B3)
YUV	162.2670, 8.2494, -32.6832
Hunter-Lab	62.7251, -17.5141, -1.8596

Details

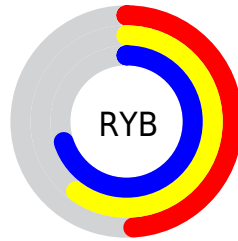
The CIELCh color **69, 18.095, 199.716** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 22.239, 23.251**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 18.237, 199.874**, and **49, 18.086, 199.418** is the 20% darker color. If you saturate the color by 10%, you get **68, 23.082, 199.397**, and if you desaturate by 10%, it is **70, 12.539, 200.100**.

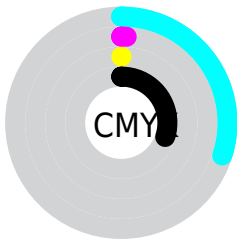
Distribution



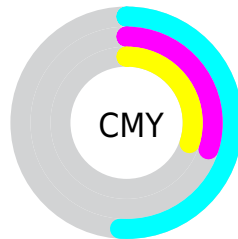
- Red (49%)
- Green (70%)
- Blue (70%)



- Red (49%)
- Yellow (60%)
- Blue (70%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)





- Cyan (51%)
- Magenta (30%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.095, 199.716 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, 18.095, 199.716 by changing the saturation by 10% instead.


 69, 18.095,
199.716


 69, 18.095,
199.716


 100, 18.095,
199.716


 59, 18.095,
199.716


 89, 18.095,
199.716

 49, 18.095,
199.716

 99, 18.095,
199.716

 39, 18.095,
199.716

 29, 18.095,
199.716

 19, 18.095,
199.716

 9, 18.095, 199.716

 0, 18.095, 199.716

69, 18.095,
199.716

69, 18.095,
199.716

68, 23.082,
199.397

70, 12.539,
200.100

67, 27.402,
199.158

71, 6.517, 200.568

73, 0.131, 204.856

66, 30.971,
199.005

74, 6.529, 21.400

66, 33.735,
198.942

76, 13.380, 21.979

66, 35.680,
198.975

78, 20.357, 22.550

80, 27.404, 23.127

65, 36.841,
199.103

80, 29.322, 23.524

65, 37.406,
199.301

80, 29.206, 23.851

Harmonies

Complementary

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



69, 18.095, 199.716



58, 22.239, 23.251

Rectangle

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



69, 18.095, 199.716



69, 18.095, 249.716



69, 18.095, 19.716



69, 18.095, 69.716

Sweetspot

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



69, 18.095, 199.712



90, 7.127, 200.624



68, 35.743, 142.794



48, 4.974, 200.547



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, 18.095, 199.712



87, 25.968, 199.501



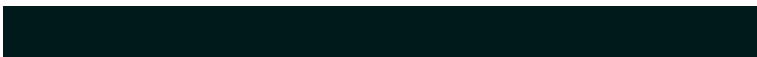
61, 17.702, 261.923



37, 3.622, 200.615



56, 33.358, 199.265



7, 8.880, 201.553

Inverse Universe

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



59, 35.696, 326.569



72, 52.367, 326.903



65, 19.059, 73.428



35, 6.667, 325.422



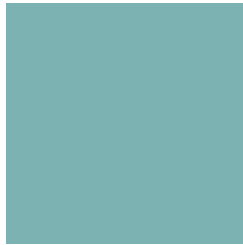
36, 77.810, 328.969



3, 15.951, 325.203

Previews

White Background



This preview shows how the CIELCh color 69, 18.095, 199.716 looks on a white background.

Color Contrast Check

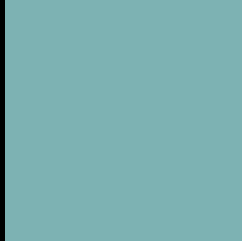
Large Text (above 18pt) WCAG AA × Fail

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, 18.095, 199.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

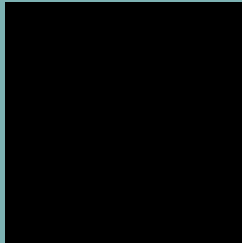
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

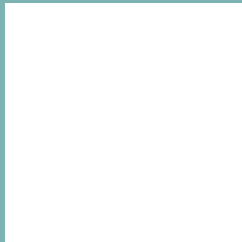
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 18.095, 199.716

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.095, 199.716.



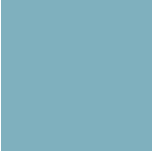
This preview shows how white text looks on a background with the CIELCh color 69, 18.095, 199.716.

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, 17.745, 224.113

Trichromacy



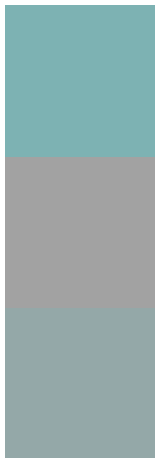
Original Color
69, 18.095, 199.716

Protanomaly
69, 6.722, 213.183

Deuteranomaly
69, 7.786, 266.257

Tritanomaly
69, 17.641, 214.507

Monochromacy



Original Color
69, 18.095, 199.716

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.336, 198.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.095, 199.716 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(125, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(125, 178, 179)  
}
```

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(125, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 178, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.095, 199.716 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(125, 178, 179) }
```

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

```
.border{ border-color:rgb(125, 178, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 178, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(125, 178,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.095, 199.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 178, 179) }
```

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

```
.background{ background-color: rgb(125,  
178, 179) }
```

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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