

Converting Colors

CIELCh(69, 15.560, 198.149)

Have a look what the booklet for
CIELCh(69, 15.560, 198.149)
contains.

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Color

CIELCh(69, 15.679, 198.148)

Conversions

Conversions Part 1

Format	Color
Hex	84B1B1
RGB	132, 177, 177
RGB Percent	52%, 69%, 69%
CMY	0.4837, 0.3072, 0.3073
CMYK	0.25, 0.00, 0.00, 0.31
HSL	180°, 22%, 60%
HSV	180°, 25%, 69%
XYZ	33.0165, 39.3444, 47.2663
YIQ	163.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

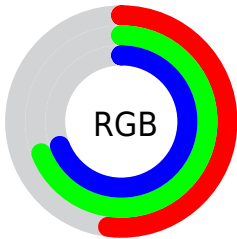
Format	Color
R_{YB}	132, 155, 177
Decimal	8696241
CIE _{Lab}	69.00, -14.90, -4.88
CIE _{LCh}	69, 15.679, 198.148
Yxy	39.3444, 0.2760, 0.3289
Android (android.graphics.Color)	4286886321 (0xFF84B1B1)
YUV	163.5450, 6.6333, -27.6650
Hunter-Lab	62.7251, -15.8122, -0.7702

Details

The CIELCh color **69, 15.679, 198.148** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 18.561, 21.350**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 15.813, 198.382**, and **49, 15.497, 197.788** is the 20% darker color. If you saturate the color by 10%, you get **68, 21.006, 197.709**, and if you desaturate by 10%, it is **70, 9.832, 198.638**.

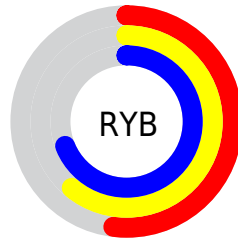
Distribution



Red (52%)

Green (69%)

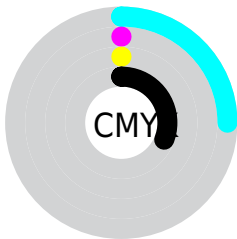
Blue (69%)



Red (52%)

Yellow (61%)

Blue (69%)

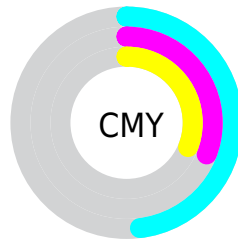


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (48%)


Magenta (31%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.679, 198.148 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, 15.679, 198.148 by changing the saturation by 10% instead.


 69, 15.679,
198.148


 69, 15.679,
198.148


 100, 15.679,
198.148


 59, 15.679,
198.148


 89, 15.679,
198.148

 49, 15.679,
198.148

 99, 15.679,
198.148

 39, 15.679,
198.148

 29, 15.679,
198.148

 19, 15.679,
198.148

 9, 15.679, 198.148

 0, 15.679, 198.148

69, 15.679,
198.148

69, 15.679,
198.148

68, 21.006,
197.709

70, 9.832, 198.638

67, 25.709,
197.334

71, 3.566, 199.246

73, 3.019, 19.490

67, 29.699,
197.021

74, 9.835, 20.185

66, 32.909,
196.773

76, 16.806, 20.805

78, 23.869, 21.425

66, 35.306,
196.590

79, 30.846, 22.037

66, 36.905,
196.468

79, 30.846, 22.036

79, 30.846, 22.036

65, 37.776,
196.402

65, 38.053,

Harmonies

Complementary

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



69, 15.679, 198.148



59, 18.561, 21.350

Rectangle

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



69, 15.679, 198.148



69, 15.679, 248.148



69, 15.679, 18.148



69, 15.679, 68.148

Sweetspot

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



69, 15.680, 198.143



90, 6.414, 199.058



68, 30.050, 142.355



47, 4.537, 198.966



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 15.680, 198.143



87, 23.082, 197.873



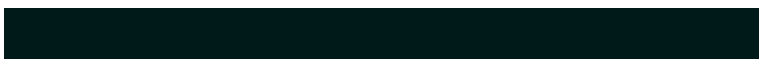
63, 14.357, 257.331



37, 3.691, 198.984



57, 34.227, 196.381



7, 9.138, 199.098

Inverse Universe

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



59, 18.561, 21.350



72, 28.584, 22.049



65, 15.480, 70.532



35, 3.911, 19.910



31, 70.929, 39.525



2, 9.156, 19.403

Previews

White Background



This preview shows how the CIELCh color 69, 15.679, 198.148 looks on a white background.

Color Contrast Check

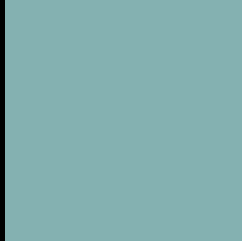
Large Text (above 18pt) WCAG AA × Fail

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, 15.679, 198.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

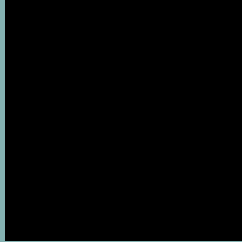
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

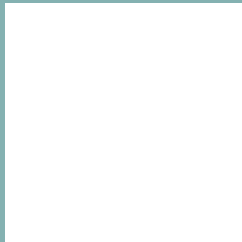
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 15.679, 198.148

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.679, 198.148.

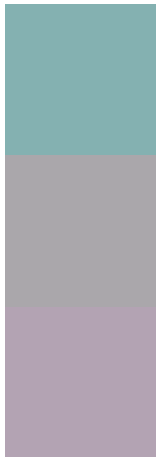


This preview shows how white text looks on a background with the CIELCh color 69, 15.679, 198.148.

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, 15.679, 198.148

Protanopia

69, 2.489, 317.323

Deuteranopia

69, 10.677, 324.903



Tritanopia
69, 15.613, 228.132

Trichromacy



Original Color
69, 15.679, 198.148

Protanomaly
69, 5.587, 210.405

Deuteranomaly
69, 5.879, 268.863

Tritanomaly
69, 15.331, 217.237

Monochromacy



Original Color
69, 15.679, 198.148

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 5.905, 198.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.679, 198.148 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(132, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(132, 177, 177)  
}
```

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(132, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 177, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.679, 198.148 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(132, 177, 177) }
```

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

```
.border{ border-color:rgb(132, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(132, 177,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.679, 198.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 177, 177) }
```

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

```
.background{ background-color: rgb(132,  
177, 177) }
```

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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