

Converting Colors

CIELCh(69, 14.430, 181.008)

Have a look what the booklet for
CIELCh(69, 14.430, 181.008)
contains.

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Color

CIELCh(69, 14.498, 180.515)

Conversions

Conversions Part 1

Format	Color
Hex	8AB0A8
RGB	138, 176, 168
RGB Percent	54%, 69%, 66%
CMY	0.4584, 0.3093, 0.3407
CMYK	0.22, 0.00, 0.05, 0.31
HSL	167°, 19%, 62%
HSV	167°, 22%, 69%
XYZ	33.1298, 39.3444, 42.9537
YIQ	163.7260, -20.0800, -10.5440

Conversions

Conversions Part 2

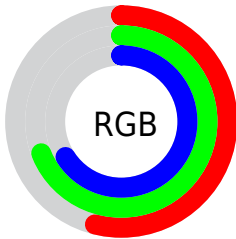
Format	Color
RYB	138, 159, 176
Decimal	9089192
CIELab	69.00, -14.50, -0.13
CIElCh	69, 14.498, 180.515
Yxy	39.3444, 0.2870, 0.3409
Android (android.graphics.Color)	4287279272 (0xFF8AB0A8)
YUV	163.7260, 2.1071, -22.5617
Hunter-Lab	62.7251, -15.4897, 3.3062

Details

The CIELCh color **69, 14.498, 180.515** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 15.763, 4.629**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 14.707, 179.801**, and **49, 14.328, 181.108** is the 20% darker color. If you saturate the color by 10%, you get **68, 20.774, 179.507**, and if you desaturate by 10%, it is **70, 7.902, 181.475**.

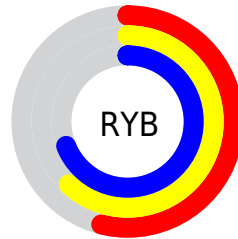
Distribution



Red (54%)

Green (69%)

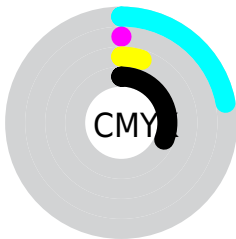
Blue (66%)



Red (54%)

Yellow (62%)

Blue (69%)

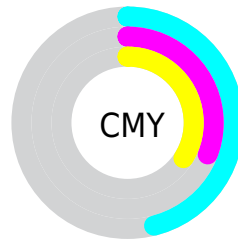


Cyan (22%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (46%)


Magenta (31%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 14.498, 180.515 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, 14.498, 180.515 by changing the saturation by 10% instead.


 69, 14.498,
180.515


 69, 14.498,
180.515


 100, 14.498,
180.515


 59, 14.498,
180.515


 89, 14.498,
180.515

 49, 14.498,
180.515

 99, 14.498,
180.515

 39, 14.498,
180.515

 29, 14.498,
180.515

 19, 14.498,
180.515

 9, 14.498, 180.515

 0, 14.498, 180.515

69, 14.498,
180.515

69, 14.498,
180.515

68, 20.774,
179.507

70, 7.902, 181.475

67, 26.615,
178.437

72, 1.087, 182.732

73, 5.858, 3.081

66, 31.910,
177.283

75, 12.858, 3.942

65, 36.558,
176.022

77, 19.854, 4.743

78, 26.802, 5.510

65, 40.480,
174.632

80, 31.304, 4.707

65, 43.642,
173.090

80, 31.730, 1.261

64, 46.064,
171.380

80, 32.278,
357.927

64, 47.699,

169.859

Harmonies

Complementary

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



69, 14.498, 180.515



61, 15.763, 4.629

Rectangle

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



69, 14.498, 180.515



69, 14.498, 230.515



69, 14.498, 0.515



69, 14.498, 50.515

Sweetspot

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



69, 14.499, 180.511



90, 5.110, 182.020



69, 23.822, 137.269



48, 3.384, 181.953



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, 14.499, 180.511



87, 21.458, 180.028



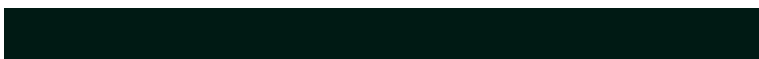
66, 11.147, 231.236



37, 3.918, 181.693



56, 42.871, 170.088



7, 10.014, 176.273

Inverse Universe

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



61, 15.763, 4.629



75, 23.810, 5.254



64, 12.660, 48.311



35, 4.059, 3.244



32, 62.577, 27.756



2, 9.437, 6.139

Previews

White Background



This preview shows how the CIELCh color 69, 14.498, 180.515 looks on a white background.

Color Contrast Check

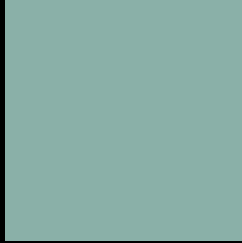
Large Text (above 18pt) WCAG AA × Fail

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, 14.498, 180.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

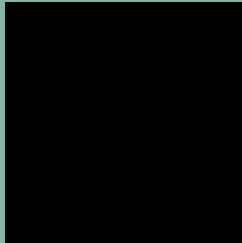
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

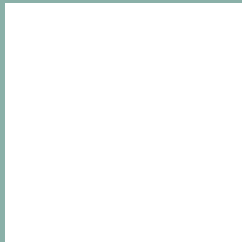
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 14.498, 180.515

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.498, 180.515.

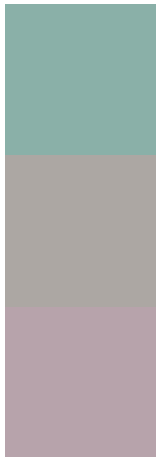


This preview shows how white text looks on a background with the CIELCh color 69, 14.498, 180.515.

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, 14.498, 180.515

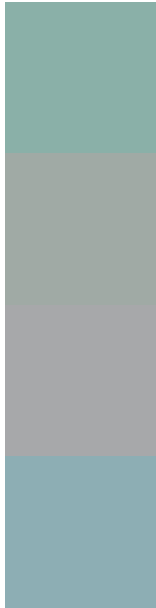
Protanopia
69, 2.895, 68.467

Deuteranopia
69, 8.808, 350.359



Tritanopia
69, 12.975, 235.255

Trichromacy



Original Color
69, 14.498, 180.515

Protanomaly
69, 4.685, 163.252

Deuteranomaly
69, 1.162, 271.521

Tritanomaly
69, 11.961, 214.611

Monochromacy



Original Color
69, 14.498, 180.515

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 5.154, 180.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.498, 180.515 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(138, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(138, 176, 168)  
}
```

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(138, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 176, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.498, 180.515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

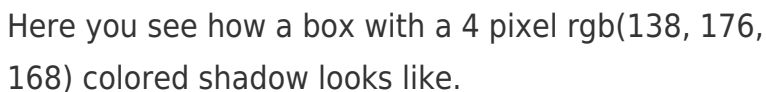
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 176, 168) }
```

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

```
.border{ border-color:rgb(138, 176, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 176, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 176, 168); box-shadow:4px 4px 4px 4px rgb(138, 176, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.498, 180.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 176, 168) }
```

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

```
.background{ background-color: rgb(138,  
176, 168) }
```

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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