

Converting Colors

CIELCh(72, 8.683, 176.666)

Have a look what the booklet for
CIELCh(72, 8.683, 176.666) contains.

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Color

CIELCh(72, 8.760, 176.815)

Conversions

Conversions Part 1

Format	Color
Hex	9FB5AF
RGB	159, 181, 175
RGB Percent	62%, 71%, 69%
CMY	0.3754, 0.2891, 0.3127
CMYK	0.12, 0.00, 0.03, 0.29
HSL	164°, 13%, 67%
HSV	164°, 12%, 71%
XYZ	38.6917, 43.6590, 47.0812
YIQ	173.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

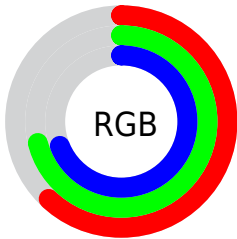
Format	Color
RYB	159, 172, 181
Decimal	10466735
CIELab	72.00, -8.75, 0.49
CIElCh	72, 8.760, 176.815
Yxy	43.6590, 0.2989, 0.3373
Android (android.graphics.Color)	4288656815 (0xFF9FB5AF)
YUV	173.7380, 0.6222, -12.9252
Hunter-Lab	66.0750, -11.1065, 4.0058

Details

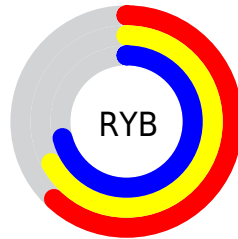
The CIELCh color $72, 8.760, 176.815$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $68, 9.098, 358.988$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.887, 174.819$, and $52, 8.700, 178.973$ is the 20% darker color. If you saturate the color by 10%, you get $71, 15.785, 175.802$, and if you desaturate by 10%, it is $73, 1.553, 177.969$.

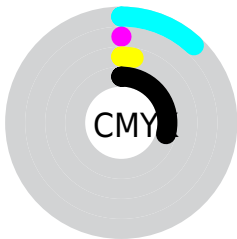
Distribution



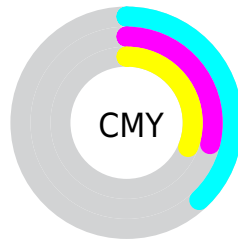
- Red (62%)
- Green (71%)
- Blue (69%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.760, 176.815 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 72, 8.760, 176.815 by changing the saturation by 10% instead.

■ 72, 8.760, 176.815

■ 72, 8.760, 176.815

■ 100, 8.760,
176.815

■ 62, 8.760, 176.815

■ 92, 8.760, 176.815

■ 52, 8.760, 176.815

■ 42, 8.760, 176.815

■ 32, 8.760, 176.815

■ 22, 8.760, 176.815

■ 12, 8.760, 176.815

■ 2, 8.760, 176.815

■ 0, 8.760, 176.815

■ 72, 8.760, 176.815

■ 72, 8.760, 176.815

71, 15.785,
175.802

73, 1.553, 177.969

70, 22.518,
174.735

75, 5.748, 358.469

69, 28.842,
173.580

77, 13.068,
359.339

68, 34.639,
172.316

79, 20.348, 0.138

67, 39.799,
170.919

81, 27.545, 0.898

66, 44.238,
169.364

81, 30.091,
357.695

66, 47.915,
167.629

81, 31.026,
353.184

66, 50.850,
165.704

81, 32.156,
348.982

66, 52.795,

82, 33.460,
345.105

Harmonies

Complementary

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



72, 8.760, 176.815



68, 9.098, 358.988

Rectangle

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



72, 8.760, 176.815



72, 8.760, 226.815



72, 8.760, 356.815



72, 8.760, 46.815

Sweetspot

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



72, 8.761, 176.808



92, 3.580, 177.658



72, 13.413, 135.743



49, 2.542, 177.567



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 8.761, 176.808



90, 13.306, 176.500



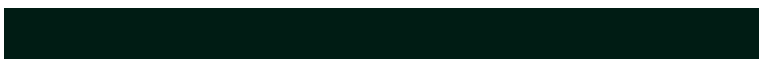
71, 6.693, 221.963



38, 4.142, 177.087



57, 46.964, 164.390



8, 12.240, 170.522

Inverse Universe

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



68, 9.098, 358.988



84, 13.954, 359.331



69, 7.213, 41.051



36, 4.264, 358.687



32, 61.154, 22.688



2, 11.117, 3.287

Previews

White Background



This preview shows how the CIELCh color 72, 8.760, 176.815 looks on a white background.

Color Contrast Check

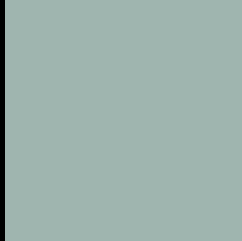
Large Text (above 18pt) WCAG AA × Fail

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 72, 8.760, 176.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

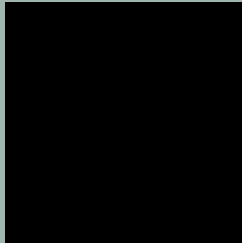
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

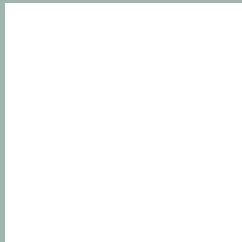
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.760, 176.815

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.760, 176.815.



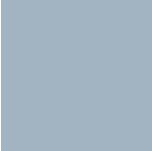
This preview shows how white text looks on a background with the CIELCh color 72, 8.760, 176.815.

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
72, 9.568, 252.130

Trichromacy



Original Color
72, 8.760, 176.815

Protanomaly
72, 2.884, 150.453

Deuteranomaly
72, 1.964, 3.257

Tritanomaly
72, 7.701, 228.726

Monochromacy



Original Color
72, 8.760, 176.815

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 3.416, 170.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.760, 176.815 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(159, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 175)  
}
```

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(159, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.760, 176.815 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(159, 181, 175) }
```

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

```
.border{ border-color:rgb(159, 181, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 181, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.760, 176.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 175) }
```

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

```
.background{ background-color: rgb(159,  
181, 175) }
```

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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