

Converting Colors

CIELCh(69, 10.095, 217.630)

Have a look what the booklet for
CIELCh(69, 10.095, 217.630)
contains.

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Color

CIELCh(69, 10.060, 217.910)

Conversions

Conversions Part 1

Format	Color
Hex	92ADB3
RGB	146, 173, 179
RGB Percent	57%, 68%, 70%
CMY	0.4268, 0.3209, 0.2973
CMYK	0.18, 0.03, 0.00, 0.30
HSL	191°, 18%, 64%
HSV	191°, 18%, 70%
XYZ	35.0176, 39.3444, 48.4917
YIQ	165.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

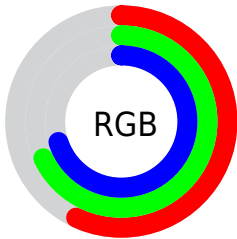
Format	Color
RYB	146, 161, 179
Decimal	9612723
CIELab	69.00, -7.94, -6.18
CIELCh	69, 10.060, 217.910
Yxy	39.3444, 0.2850, 0.3203
Android (android.graphics.Color)	4287802803 (0xFF92ADB3)
YUV	165.6110, 6.6008, -17.1988
Hunter-Lab	62.7251, -10.1177, -1.9285

Details

The CIELCh color **69, 10.060, 217.910** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 11.348, 37.235**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 10.138, 220.024**, and **49, 10.026, 215.582** is the 20% darker color. If you saturate the color by 10%, you get **67, 15.017, 218.361**, and if you desaturate by 10%, it is **71, 4.727, 217.647**.

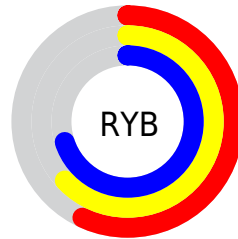
Distribution



Red (57%)

Green (68%)

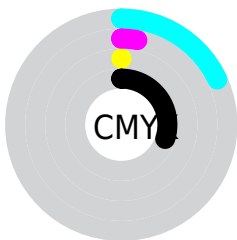
Blue (70%)



Red (57%)

Yellow (63%)

Blue (70%)

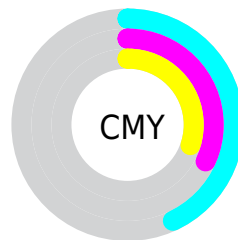


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (43%)


Magenta (32%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.060, 217.910 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, 10.060, 217.910 by changing the saturation by 10% instead.


 69, 10.060,
217.910


 69, 10.060,
217.910


 100, 10.060,
217.910


 59, 10.060,
217.910


 89, 10.060,
217.910

 49, 10.060,
217.910

 99, 10.060,
217.910

 39, 10.060,
217.910

 29, 10.060,
217.910

 19, 10.060,
217.910

 9, 10.060, 217.910

 0, 10.060, 217.910

69, 10.060,
217.910

69, 10.060,
217.910

67, 15.017,
218.361

71, 4.727, 217.647

65, 19.513,
219.038

73, 0.905, 36.801

76, 6.765, 37.202

63, 23.460,
219.982

78, 12.795, 37.232

62, 26.782,
221.252

81, 18.947, 37.298

83, 25.180, 37.402

60, 29.421,
222.920

84, 25.048, 41.411

59, 31.358,
225.063

85, 24.557, 45.923

86, 24.228, 50.589

57, 32.625,
227.751

56, 33.372,

230.971

■ 56, 33.483,
231.490

Harmonies

Complementary

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



69, 10.060, 217.910



65, 11.348, 37.235

Rectangle

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



69, 10.060, 217.910



69, 10.060, 267.910



69, 10.060, 37.910



69, 10.060, 87.910

Sweetspot

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



69, 10.060, 217.901



90, 4.180, 217.634



70, 19.657, 148.165



48, 2.790, 217.634



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, 10.060, 217.901



86, 14.644, 218.059



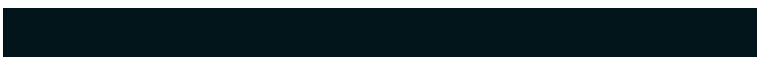
65, 12.751, 273.690



37, 3.162, 217.659



48, 29.786, 231.003



5, 7.550, 226.341

Inverse Universe

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



64, 19.508, 331.015



79, 28.776, 331.269



69, 12.799, 88.816



35, 5.952, 330.434



35, 68.651, 336.912



2, 13.554, 332.665

Previews

White Background



This preview shows how the CIELCh color 69, 10.060, 217.910 looks on a white background.

Color Contrast Check

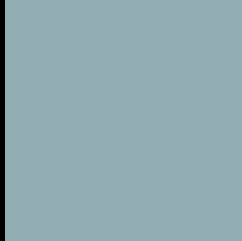
Large Text (above 18pt) WCAG AA × Fail

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, 10.060, 217.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

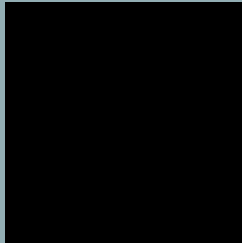
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

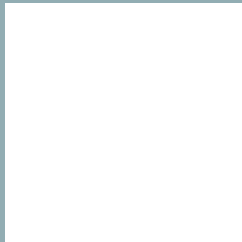
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 10.060, 217.910

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.060, 217.910.



This preview shows how white text looks on a background with the CIELCh color 69, 10.060, 217.910.

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

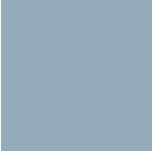
69, 10.060, 217.910

Protanopia

69, 5.017, 299.178

Deuteranopia

69, 11.409, 320.227



Tritanopia
69, 11.459, 241.229

Trichromacy



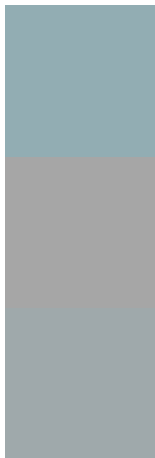
Original Color
69, 10.060, 217.910

Protanomaly
69, 5.231, 256.638

Deuteranomaly
69, 7.153, 287.981

Tritanomaly
69, 10.822, 236.545

Monochromacy



Original Color
69, 10.060, 217.910

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 3.841, 215.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.060, 217.910 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(146, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(146, 173, 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(146, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 173, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.060, 217.910 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(146, 173, 179) }
```

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

```
.border{ border-color:rgb(146, 173, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 173, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(146, 173,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.060, 217.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 173, 179) }
```

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

```
.background{ background-color: rgb(146,  
173, 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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