

Converting Colors

CIELCh(69, 12.504, 215.327)

Have a look what the booklet for
CIELCh(69, 12.504, 215.327)
contains.

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Color

CIELCh(69, 12.387, 216.701)

Conversions

Conversions Part 1

Format	Color
Hex	8CAEB5
RGB	140, 174, 181
RGB Percent	55%, 68%, 71%
CMY	0.4498, 0.3164, 0.2890
CMYK	0.23, 0.04, 0.00, 0.29
HSL	190°, 22%, 63%
HSV	190°, 23%, 71%
XYZ	34.4363, 39.3444, 49.6648
YIQ	164.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

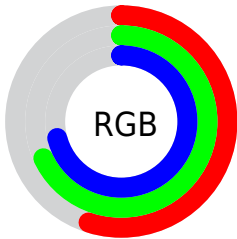
Format	Color
RYB	140, 159, 181
Decimal	9219765
CIELab	69.00, -9.93, -7.40
CIElCh	69, 12.387, 216.701
Yxy	39.3444, 0.2790, 0.3187
Android (android.graphics.Color)	4287409845 (0xFF8CAEB5)
YUV	164.6320, 8.0694, -21.6023
Hunter-Lab	62.7251, -11.7718, -3.0374

Details

The CIELCh color **69, 12.387, 216.701** is a light color, and the websafe version is hex **669999**. A complement of this color would be **64, 14.420, 36.148**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 12.407, 218.432**, and **49, 12.380, 214.875** is the 20% darker color. If you saturate the color by 10%, you get **67, 17.230, 217.171**, and if you desaturate by 10%, it is **71, 7.120, 216.410**.

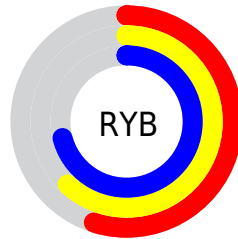
Distribution



Red (55%)

Green (68%)

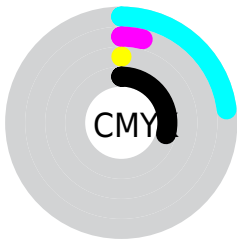
Blue (71%)



Red (55%)

Yellow (62%)

Blue (71%)

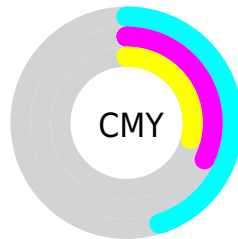


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (45%)


Magenta (32%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 12.387, 216.701 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, 12.387, 216.701 by changing the saturation by 10% instead.


 69, 12.387,
216.701


 69, 12.387,
216.701


 100, 12.387,
216.701


 59, 12.387,
216.701


 89, 12.387,
216.701

 49, 12.387,
216.701

 99, 12.387,
216.701

 39, 12.387,
216.701

 29, 12.387,
216.701

 19, 12.387,
216.701

 9, 12.387, 216.701

 0, 12.387, 216.701

69, 12.387,
216.701

69, 12.387,
216.701

67, 17.230,
217.171

71, 7.120, 216.410

65, 21.561,
217.872

73, 1.515, 216.496

75, 4.354, 35.969

64, 25.292,
218.848

78, 10.422, 36.046

62, 28.351,
220.161

80, 16.632, 36.135

83, 22.942, 36.260

61, 30.691,
221.881

84, 24.566, 39.111

59, 32.311,
224.080

85, 24.024, 43.443

85, 23.628, 47.950

58, 33.270,
226.820

57, 33.716,

Harmonies

Complementary

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



69, 12.387, 216.701



64, 14.420, 36.148

Rectangle

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



69, 12.387, 216.701



69, 12.387, 266.701



69, 12.387, 36.701



69, 12.387, 86.701

Sweetspot

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



69, 12.387, 216.694



91, 4.941, 216.350



70, 24.388, 147.827



48, 3.203, 216.351



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, 12.387, 216.694



86, 17.932, 216.899



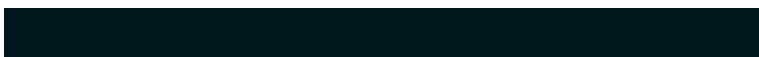
63, 15.859, 274.379



38, 3.258, 216.362



50, 30.103, 228.669



6, 8.629, 224.410

Inverse Universe

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



63, 24.395, 330.898



77, 35.902, 331.207



69, 15.938, 88.274



36, 6.140, 330.058



35, 70.053, 336.296



3, 15.829, 332.400

Previews

White Background



This preview shows how the CIELCh color 69, 12.387, 216.701 looks on a white background.

Color Contrast Check

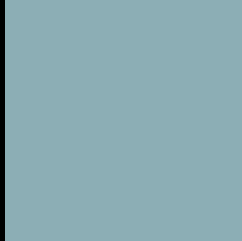
Large Text (above 18pt) WCAG AA × Fail

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, 12.387, 216.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

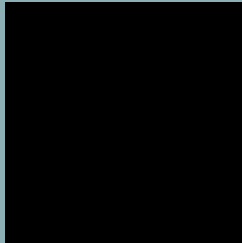
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

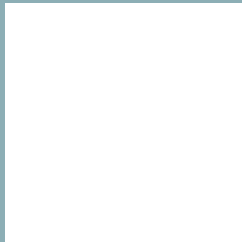
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 12.387, 216.701

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.387, 216.701.



This preview shows how white text looks on a background with the CIELCh color 69, 12.387, 216.701.

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, 12.387, 216.701

Protanopia
69, 5.519, 294.577

Deuteranopia
69, 12.709, 315.128



Tritanopia
69, 12.975, 235.255

Trichromacy



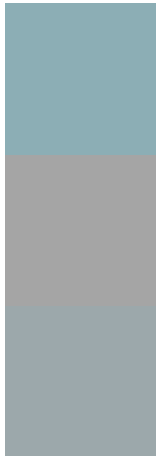
Original Color
69, 12.387, 216.701

Protanomaly
69, 6.508, 248.772

Deuteranomaly
69, 8.846, 284.030

Tritanomaly
69, 12.718, 230.045

Monochromacy



Original Color
69, 12.387, 216.701

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.689, 219.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.387, 216.701 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(140, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(140, 174, 181)  
}
```

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(140, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 174, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.387, 216.701 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(140, 174, 181) }
```

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

```
.border{ border-color:rgb(140, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(140, 174,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.387, 216.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 174, 181) }
```

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

```
.background{ background-color: rgb(140,  
174, 181) }
```

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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