

Converting Colors

CIELCh(69, 11.212, 212.414)

Have a look what the booklet for
CIELCh(69, 11.212, 212.414)
contains.

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Color

CIELCh(69, 11.225, 212.805)

Conversions

Conversions Part 1

Format	Color
Hex	8FAEB3
RGB	143, 174, 179
RGB Percent	56%, 68%, 70%
CMY	0.4394, 0.3178, 0.2982
CMYK	0.20, 0.03, 0.00, 0.30
HSL	188°, 19%, 63%
HSV	188°, 20%, 70%
XYZ	34.5804, 39.3444, 48.3969
YIQ	165.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

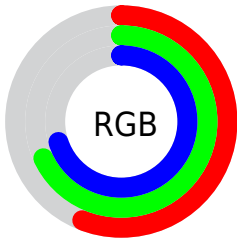
Format	Color
R _Y B	143, 160, 179
Decimal	9416371
CIE Lab	69.00, -9.43, -6.08
CIE LCh	69, 11.225, 212.805
Yxy	39.3444, 0.2827, 0.3216
Android (android.graphics.Color)	4287606451 (0xFF8FAEB3)
YUV	165.3010, 6.7536, -19.5580
Hunter-Lab	62.7251, -11.3617, -1.8389

Details

The CIELCh color **69, 11.225, 212.805** is a light color, and the websafe version is hex **669999**. A complement of this color would be **64, 12.846, 32.918**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 11.238, 214.974**, and **49, 11.252, 210.414** is the 20% darker color. If you saturate the color by 10%, you get **67, 16.224, 213.032**, and if you desaturate by 10%, it is **71, 5.812, 212.729**.

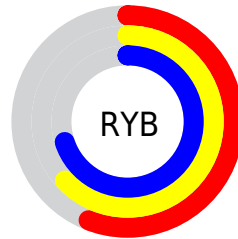
Distribution



Red (56%)

Green (68%)

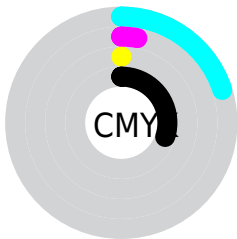
Blue (70%)



Red (56%)

Yellow (63%)

Blue (70%)

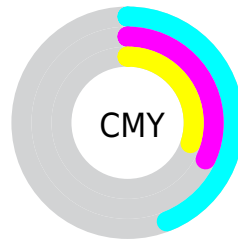


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (44%)


Magenta (32%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 11.225, 212.805 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, 11.225, 212.805 by changing the saturation by 10% instead.


 69, 11.225,
212.805


 69, 11.225,
212.805


 100, 11.225,
212.805


 59, 11.225,
212.805


 89, 11.225,
212.805

 49, 11.225,
212.805

 99, 11.225,
212.805

 39, 11.225,
212.805

 29, 11.225,
212.805

 19, 11.225,
212.805

 9, 11.225, 212.805

 0, 11.225, 212.805

69, 11.225,
212.805

69, 11.225,
212.805

67, 16.224,
213.032

71, 5.812, 212.729

66, 20.716,
213.447

73, 0.070, 219.955

64, 24.611,
214.079

75, 5.925, 32.633

63, 27.827,
214.976

77, 12.107, 32.821

61, 30.307,
216.193

79, 18.421, 33.028

60, 32.031,
217.788

82, 24.823, 33.263

59, 33.033,
219.814

83, 26.048, 35.596

58, 33.509,

83, 25.503, 38.787

84, 25.043, 42.109

Harmonies

Complementary

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



69, 11.225, 212.805



64, 12.846, 32.918

Rectangle

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



69, 11.225, 212.805



69, 11.225, 262.805



69, 11.225, 32.805



69, 11.225, 82.805

Sweetspot

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



69, 11.225, 212.798



91, 4.301, 212.772



70, 21.974, 146.971



48, 2.872, 212.760



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, 11.225, 212.798



86, 16.307, 212.878



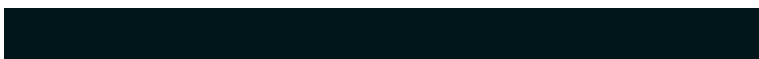
64, 13.407, 271.248



37, 3.253, 212.732



50, 29.868, 221.833



6, 7.733, 219.494

Inverse Universe

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



64, 21.940, 329.661



78, 32.346, 329.924



69, 13.576, 85.808



35, 6.135, 329.000



35, 70.910, 334.550



2, 14.124, 330.583

Previews

White Background



This preview shows how the CIELCh color 69, 11.225, 212.805 looks on a white background.

Color Contrast Check

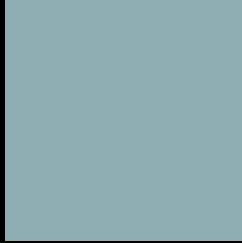
Large Text (above 18pt) WCAG AA × Fail

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, 11.225, 212.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

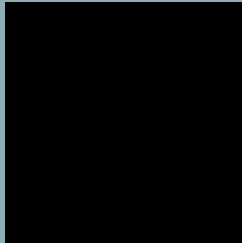
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

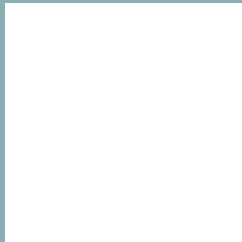
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 11.225, 212.805

Background



This preview shows how black text looks on a background with the CIELCh color 69, 11.225, 212.805.



This preview shows how white text looks on a background with the CIELCh color 69, 11.225, 212.805.

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, 11.225, 212.805

Protanopia

69, 4.475, 300.186

Deuteranopia

69, 11.409, 320.227



Tritanopia
69, 12.457, 237.067

Trichromacy



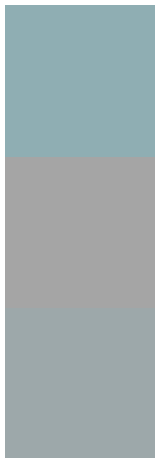
Original Color
69, 11.225, 212.805

Protanomaly
69, 4.875, 241.859

Deuteranomaly
69, 7.175, 285.073

Tritanomaly
69, 11.638, 230.146

Monochromacy



Original Color
69, 11.225, 212.805

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.195, 214.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 11.225, 212.805 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(143, 174, 179)` looks like.

```
.text, #text, p{  
    color:rgb(143, 174, 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(143, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 174, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 11.225, 212.805 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(143, 174, 179) }
```

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

```
.border{ border-color:rgb(143, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(143, 174,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 11.225, 212.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 174, 179) }
```

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

```
.background{ background-color: rgb(143,  
174, 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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