

Converting Colors

CIELCh(69, 11.866, 217.247)

Have a look what the booklet for
CIELCh(69, 11.866, 217.247)
contains.

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Color

CIELCh(69, 11.765, 217.743)

Conversions

Conversions Part 1

Format	Color
Hex	8EAE B5
RGB	142, 174, 181
RGB Percent	56%, 68%, 71%
CMY	0.4432, 0.3177, 0.2903
CMYK	0.22, 0.04, 0.00, 0.29
HSL	191°, 21%, 63%
HSV	191°, 22%, 71%
XYZ	34.6187, 39.3444, 49.4702
YIQ	165.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

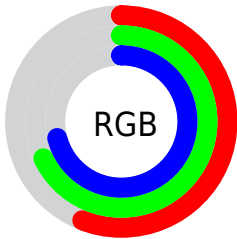
Format	Color
RYB	142, 160, 181
Decimal	9350837
CIELab	69.00, -9.30, -7.20
CIELCh	69, 11.765, 217.743
Yxy	39.3444, 0.2805, 0.3188
Android (android.graphics.Color)	4287540917 (0xFF8EAEB5)
YUV	165.2300, 7.7746, -20.3727
Hunter-Lab	62.7251, -11.2529, -2.8534

Details

The CIELCh color **69, 11.765, 217.743** is a light color, and the websafe version is hex **669999**. A complement of this color would be **64, 13.579, 37.024**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 11.803, 219.520**, and **49, 11.750, 215.854** is the 20% darker color. If you saturate the color by 10%, you get **67, 16.630, 218.246**, and if you desaturate by 10%, it is **71, 6.492, 217.425**.

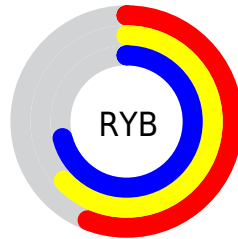
Distribution



Red (56%)

Green (68%)

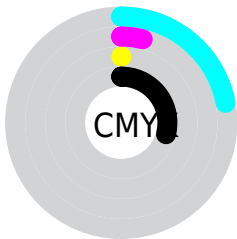
Blue (71%)



Red (56%)

Yellow (63%)

Blue (71%)

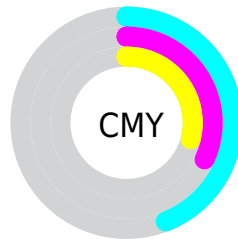


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (44%)


Magenta (32%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 11.765, 217.743 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, 11.765, 217.743 by changing the saturation by 10% instead.


 69, 11.765,
217.743


 69, 11.765,
217.743


 100, 11.765,
217.743


 59, 11.765,
217.743


 89, 11.765,
217.743

 49, 11.765,
217.743

 99, 11.765,
217.743

 39, 11.765,
217.743

 29, 11.765,
217.743

 19, 11.765,
217.743

 9, 11.765, 217.743

 0, 11.765, 217.743

69, 11.765,
217.743

69, 11.765,
217.743

67, 16.630,
218.246

71, 6.492, 217.425

65, 21.000,
218.985

73, 0.893, 217.707

76, 4.958, 36.935

63, 24.789,
220.005

78, 10.999, 36.974

62, 27.923,
221.370

80, 17.176, 37.036

83, 23.447, 37.136

60, 30.354,
223.153

84, 24.504, 40.484

59, 32.076,
225.429

85, 23.986, 45.073

86, 23.632, 49.833

58, 33.144,
228.264

57, 33.714,

Harmonies

Complementary

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



69, 11.765, 217.743



64, 13.579, 37.024

Rectangle

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



69, 11.765, 217.743



69, 11.765, 267.743



69, 11.765, 37.743



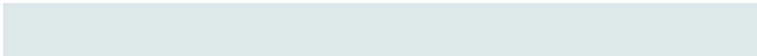
69, 11.765, 87.743

Sweetspot

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



69, 11.765, 217.736



91, 4.223, 217.364



70, 23.198, 147.914



48, 2.794, 217.364



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, 11.765, 217.736



86, 17.245, 217.959



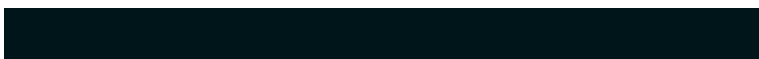
64, 15.075, 274.199



37, 3.166, 217.386



48, 29.772, 230.502



5, 7.557, 225.971

Inverse Universe

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



64, 23.063, 331.135



78, 34.369, 331.450



69, 15.145, 88.412



35, 5.962, 330.354



35, 68.770, 336.779



2, 13.584, 332.550

Previews

White Background



This preview shows how the CIELCh color 69, 11.765, 217.743 looks on a white background.

Color Contrast Check

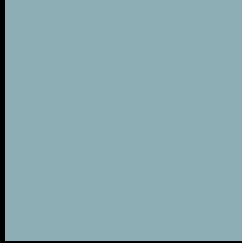
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 11.765, 217.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

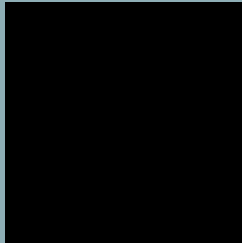
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

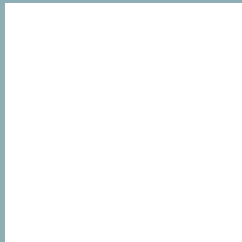
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 11.765, 217.743

Background



This preview shows how black text looks on a background with the CIELCh color 69, 11.765, 217.743.



This preview shows how white text looks on a background with the CIELCh color 69, 11.765, 217.743.

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, 11.765, 217.743

Protanopia

69, 5.519, 294.577

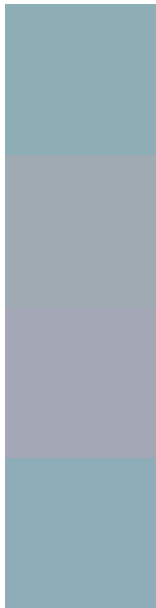
Deuteranopia

69, 12.212, 316.173



Tritanopia
69, 12.715, 236.141

Trichromacy



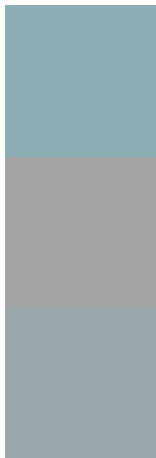
Original Color
69, 11.765, 217.743

Protanomaly
69, 5.878, 247.730

Deuteranomaly
69, 8.301, 283.492

Tritanomaly
69, 12.166, 231.678

Monochromacy



Original Color
69, 11.765, 217.743

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.352, 221.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 11.765, 217.743 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(142, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 174, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 11.765, 217.743 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(142, 174, 181) }
```

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

```
.border{ border-color:rgb(142, 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(142, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(142, 174,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 11.765, 217.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 174, 181) }
```

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

```
.background{ background-color: rgb(142,  
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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