

Converting Colors

CIELCh(69, 13.866, 240.615)

Have a look what the booklet for
CIELCh(69, 13.866, 240.615)
contains.

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Color

CIELCh(69, 13.898, 241.202)

Conversions

Conversions Part 1

Format	Color
Hex	8EADBE
RGB	142, 173, 190
RGB Percent	56%, 68%, 75%
CMY	0.4432, 0.3216, 0.2550
CMYK	0.25, 0.09, 0.00, 0.25
HSL	201°, 27%, 65%
HSV	201°, 25%, 75%
XYZ	35.3829, 39.3444, 54.4320
YIQ	165.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

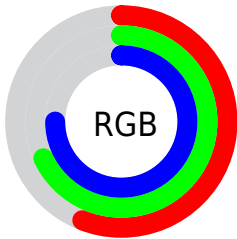
Format	Color
RYB	142, 161, 190
Decimal	9350590
CIELab	69.00, -6.69, -12.18
CIElCh	69, 13.898, 241.202
Yxy	39.3444, 0.2739, 0.3046
Android (android.graphics.Color)	4287540670 (0xFF8EADBE)
YUV	165.6690, 11.9952, -20.7577
Hunter-Lab	62.7251, -9.0781, -7.5435

Details

The CIELCh color **69, 13.898, 241.202** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 15.816, 56.142**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 13.953, 241.324**, and **49, 14.098, 240.621** is the 20% darker color. If you saturate the color by 10%, you get **66, 18.940, 242.833**, and if you desaturate by 10%, it is **72, 8.569, 239.887**.

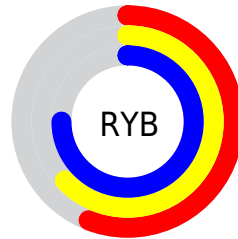
Distribution



Red (56%)

Green (68%)

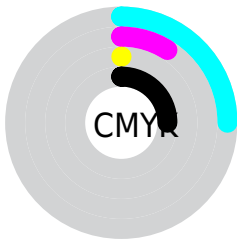
Blue (75%)



Red (56%)

Yellow (63%)

Blue (75%)

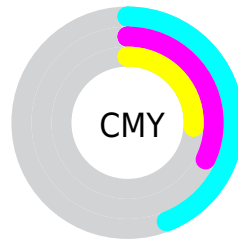


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 13.898, 241.202 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, 13.898, 241.202 by changing the saturation by 10% instead.

■ 69, 13.898,
241.202

■ 69, 13.898,
241.202

■ 100, 13.898,
241.202

■ 59, 13.898,
241.202

■ 89, 13.898,
241.202

■ 49, 13.898,
241.202

■ 99, 13.898,
241.202

■ 39, 13.898,
241.202

■ 29, 13.898,
241.202

■ 19, 13.898,
241.202

■ 9, 13.898, 241.202

■ 0, 13.898, 241.202

69, 13.898,
241.202

69, 13.898,
241.202

66, 18.940,
242.833

72, 8.569, 239.887

63, 23.644,
244.863

75, 3.008, 238.908

79, 2.733, 57.713

60, 27.966,
247.366

82, 8.611, 57.111

58, 31.889,
250.424

85, 14.588, 56.544

88, 20.319, 56.687

55, 35.431,
254.101

90, 20.735, 68.255

53, 38.666,
258.415

92, 21.957, 78.901

93, 23.853, 88.083

50, 41.727,
263.295

49, 43.208,

265.619

Harmonies

Complementary

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



69, 13.898, 241.202



68, 15.816, 56.142

Rectangle

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



69, 13.898, 241.202



69, 13.898, 291.202



69, 13.898, 61.202



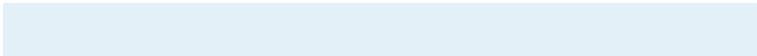
69, 13.898, 111.202

Sweetspot

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



69, 13.897, 241.197



94, 5.635, 239.141



73, 24.671, 154.353



50, 4.027, 239.285



99, 0.012, 296.813



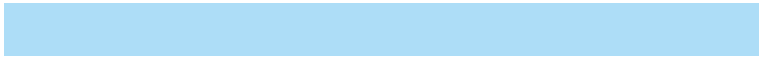
52, 0.007, 296.813

Same Dimension

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



69, 13.897, 241.197



86, 20.202, 242.007



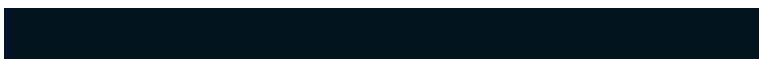
63, 22.935, 286.532



38, 3.197, 239.255



41, 37.373, 264.838



5, 10.048, 253.030

Inverse Universe

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



64, 24.935, 338.460



79, 36.694, 338.907



74, 22.083, 100.465



37, 5.511, 337.191



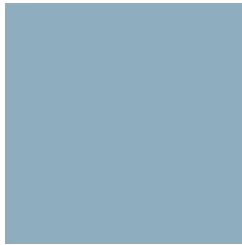
34, 62.684, 348.732



3, 15.384, 342.957

Previews

White Background



This preview shows how the CIELCh color 69, 13.898, 241.202 looks on a white background.

Color Contrast Check

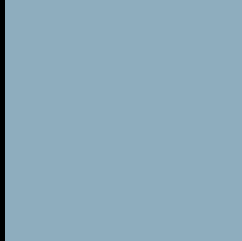
Large Text (above 18pt) WCAG AA × Fail

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, 13.898, 241.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

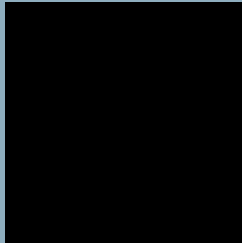
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

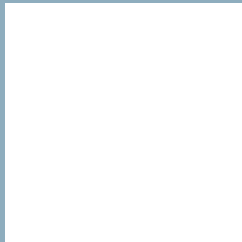
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 13.898, 241.202

Background



This preview shows how black text looks on a background with the CIELCh color 69, 13.898, 241.202.



This preview shows how white text looks on a background with the CIELCh color 69, 13.898, 241.202.

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, 13.898, 241.202

Protanopia

69, 10.445, 289.259

Deuteranopia

69, 15.798, 303.459



Tritanopia
69, 13.236, 234.406

Trichromacy



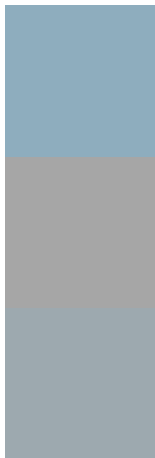
Original Color
69, 13.898, 241.202

Protanomaly
69, 10.665, 267.682

Deuteranomaly
69, 13.275, 283.866

Tritanomaly
69, 13.521, 236.459

Monochromacy



Original Color
69, 13.898, 241.202

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.430, 236.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 13.898, 241.202 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, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(142, 173, 190)  
}
```

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, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 173, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 13.898, 241.202 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, 173, 190) }
```

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

```
.border{ border-color:rgb(142, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(142, 173,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 13.898, 241.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 173, 190) }
```

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

```
.background{ background-color: rgb(142,  
173, 190) }
```

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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