

Converting Colors

CIELCh(69, 15.710, 249.475)

Have a look what the booklet for
CIELCh(69, 15.710, 249.475)
contains.

CIELCh(69, 15.698, 249.452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 15.698, 249.452)

Conversions

Conversions Part 1

Format	Color
Hex	8EADC3
RGB	142, 173, 195
RGB Percent	56%, 68%, 76%
CMY	0.4449, 0.3233, 0.2371
CMYK	0.27, 0.11, 0.00, 0.24
HSL	205°, 30%, 66%
HSV	205°, 27%, 76%
XYZ	35.7338, 39.3444, 57.0660
YIQ	166.2390, -25.5380, 0.2700

Conversions

Conversions Part 2

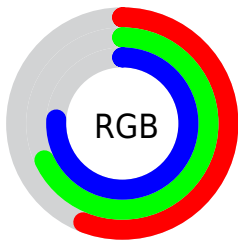
Format	Color
RYB	142, 162, 195
Decimal	9350595
CIELab	69.00, -5.51, -14.70
CIELCh	69, 15.698, 249.452
Yxy	39.3444, 0.2704, 0.2977
Android (android.graphics.Color)	4287540675 (0xFF8EADC3)
YUV	166.2390, 14.1792, -21.2576
Hunter-Lab	62.7251, -8.0796, -10.0332

Details

The CIELCh color `69, 15.698, 249.452` is a light color, and the websafe version is hex `999999`. A complement of this color would be `69, 17.594, 62.833`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `89, 15.864, 251.247`, and `49, 15.560, 247.985` is the 20% darker color. If you saturate the color by 10%, you get `66, 21.091, 251.376`, and if you desaturate by 10%, it is `72, 10.082, 247.867`.

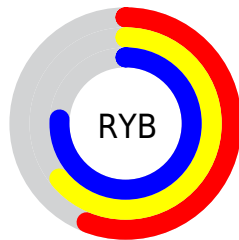
Distribution



Red (56%)

Green (68%)

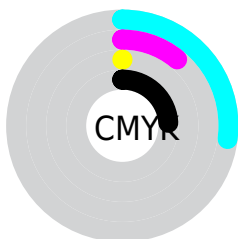
Blue (76%)



Red (56%)

Yellow (64%)

Blue (76%)

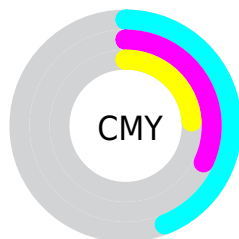


Cyan (27%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 15.698, 249.452 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, 15.698, 249.452 by changing the saturation by 10% instead.

■ 69, 15.698,
249.452

■ 69, 15.698,
249.452

■ 100, 15.698,
249.452

■ 59, 15.698,
249.452

■ 89, 15.698,
249.452

■ 49, 15.698,
249.452

■ 99, 15.698,
249.452

■ 39, 15.698,
249.452

■ 29, 15.698,
249.452

■ 19, 15.698,
249.452

■ 9, 15.698, 249.452

■ 0, 15.698, 249.452

69, 15.698,
249.452

69, 15.698,
249.452

66, 21.091,
251.376

72, 10.082,
247.867

62, 26.228,
253.719

76, 4.287, 246.606

80, 1.647, 65.154

59, 31.086,
256.548

83, 7.683, 64.441

56, 35.670,
259.926

87, 13.788, 63.694

53, 40.027,
263.882

90, 19.013, 65.671

92, 20.420, 79.590

50, 44.250,
268.381

94, 22.855, 91.040

48, 48.483,
273.257

96, 26.012, 99.911

47, 49.696,

274.560

Harmonies

Complementary

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



69, 15.698, 249.452



69, 17.594, 62.833

Rectangle

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



69, 15.698, 249.452



69, 15.698, 299.452



69, 15.698, 69.452



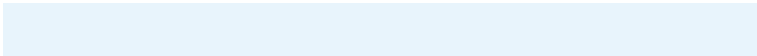
69, 15.698, 119.452

Sweetspot

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



69, 15.697, 249.448



96, 5.851, 246.703



74, 26.068, 156.328



51, 4.184, 246.878



0, 0.000, 0.000



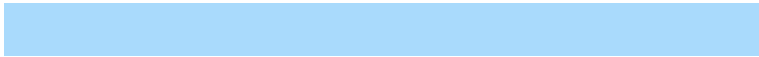
53, 0.007, 296.813

Same Dimension

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



69, 15.697, 249.448



85, 23.254, 250.615



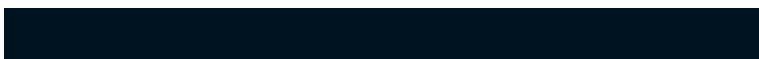
62, 26.789, 289.280



39, 3.340, 246.844



39, 42.616, 273.791



5, 11.701, 261.058

Inverse Universe

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



65, 26.319, 341.573



79, 39.411, 342.182



76, 25.475, 102.933



38, 5.397, 340.013



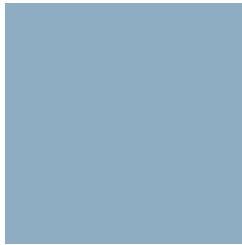
35, 61.580, 353.819



3, 16.691, 347.178

Previews

White Background



This preview shows how the CIELCh color 69, 15.698, 249.452 looks on a white background.

Color Contrast Check

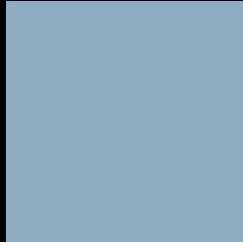
Large Text (above 18pt) WCAG AA × Fail

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, 15.698, 249.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

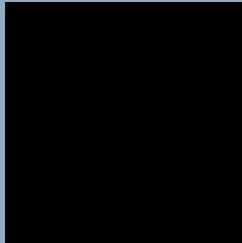
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

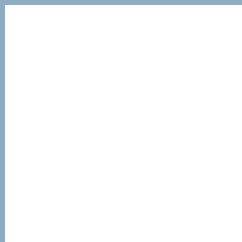
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 15.698, 249.452

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.698, 249.452.



This preview shows how white text looks on a background with the CIELCh color 69, 15.698, 249.452.

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](#).

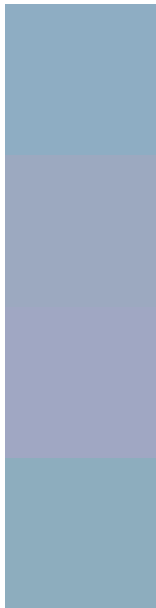
Dichromacy





Tritanopia
69, 13.754, 232.799

Trichromacy



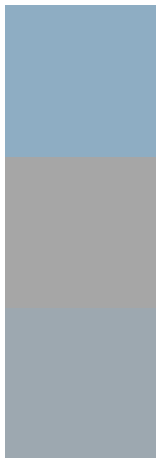
Original Color
69, 15.698, 249.452

Protanomaly
69, 13.307, 271.507

Deuteranomaly
69, 15.528, 282.693

Tritanomaly
69, 14.136, 240.313

Monochromacy



Original Color
69, 15.698, 249.452

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.889, 247.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.698, 249.452 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(142, 173, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 173, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.698, 249.452 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, 195) }
```

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

```
.border{ border-color:rgb(142, 173, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 173, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 173, 195);  
box-shadow:4px 4px 4px 4px rgb(142, 173,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.698, 249.452 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, 195) }
```

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

```
.background{ background-color: rgb(142,  
173, 195) }
```

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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