

Converting Colors

CIELCh(69, 14.838, 277.405)

Have a look what the booklet for
CIELCh(69, 14.838, 277.405)
contains.

CIELCh(69, 15.149, 278.413)	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, 15.149, 278.413)

Conversions

Conversions Part 1

Format	Color
Hex	9EA8C3
RGB	158, 168, 195
RGB Percent	62%, 66%, 76%
CMY	0.3794, 0.3402, 0.2343
CMYK	0.19, 0.14, 0.00, 0.23
HSL	224°, 24%, 69%
HSV	224°, 19%, 77%
XYZ	38.0785, 39.3444, 57.3709
YIQ	168.0880, -14.6270, 6.2770

Conversions

Conversions Part 2

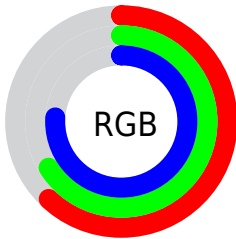
Format	Color
R_{YB}	158, 166, 195
Decimal	10397891
CIE _{Lab}	69.00, 2.22, -14.99
CIE _{LCh}	69, 15.149, 278.413
Yxy	39.3444, 0.2825, 0.2919
Android (android.graphics.Color)	4288587971 (0xFF9EA8C3)
YUV	168.0880, 13.2676, -8.8472
Hunter-Lab	62.7251, -1.4072, -10.3215

Details

The CIELCh color `69, 15.149, 278.413` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `75, 15.012, 93.543`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 15.404, 278.857`, and `49, 15.023, 278.193` is the 20% darker color. If you saturate the color by 10%, you get `64, 23.409, 280.084`, and if you desaturate by 10%, it is `74, 7.079, 276.985`.

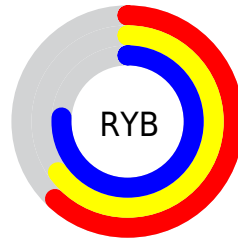
Distribution



Red (62%)

Green (66%)

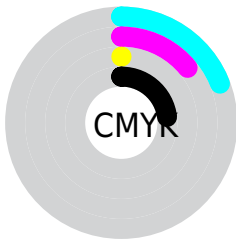
Blue (76%)



Red (62%)

Yellow (65%)

Blue (76%)

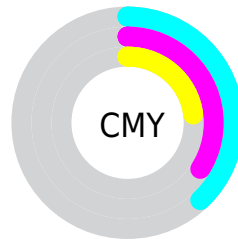


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (38%)


Magenta (34%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.149, 278.413 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, 15.149, 278.413 by changing the saturation by 10% instead.


 69, 15.149,
278.413


 69, 15.149,
278.413


 100, 15.149,
278.413


 59, 15.149,
278.413


 89, 15.149,
278.413

 49, 15.149,
278.413

 99, 15.149,
278.413

 39, 15.149,
278.413

 29, 15.149,
278.413

 19, 15.149,
278.413

 9, 15.149, 278.413

 0, 15.149, 278.413

69, 15.149,
278.413

69, 15.149,
278.413

64, 23.409,
280.084

74, 7.079, 276.985

59, 31.880,
282.042

79, 0.808, 95.479

85, 8.522, 94.629

53, 40.586,
284.320

90, 16.068, 93.711

48, 49.557,
286.941

95, 23.360, 93.705

98, 29.499,
107.002

43, 58.811,
289.892

99, 30.097,
107.889

39, 68.319,
293.104

35, 77.917,
296.423

31, 87.224,

299.573

■ 31, 88.165,
299.867

Harmonies

Complementary

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



69, 15.149, 278.413



75, 15.012, 93.543

Rectangle

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



69, 15.149, 278.413



69, 15.149, 328.413



69, 15.149, 98.413



69, 15.149, 148.413

Sweetspot

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



69, 15.148, 278.409



96, 5.876, 276.626



76, 14.512, 175.369



51, 3.900, 276.707



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, 15.148, 278.409



85, 22.945, 279.116



67, 20.738, 300.030



38, 4.457, 277.039



25, 75.209, 299.402



3, 15.865, 282.501

Inverse Universe

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



69, 15.292, 359.950



85, 23.244, 0.490



77, 19.930, 117.386



38, 4.455, 358.876



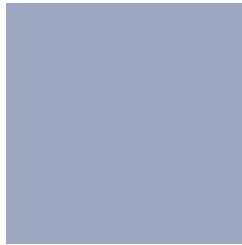
33, 62.767, 23.076



3, 14.505, 4.982

Previews

White Background



This preview shows how the CIELCh color 69, 15.149, 278.413 looks on a white background.

Color Contrast Check

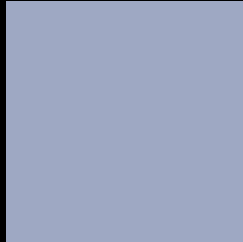
Large Text (above 18pt) WCAG AA × Fail

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, 15.149, 278.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

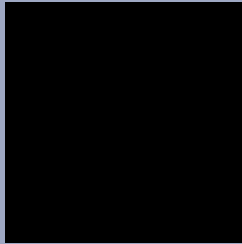
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.149, 278.413

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.149, 278.413.



This preview shows how white text looks on a background with the CIELCh color 69, 15.149, 278.413.

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

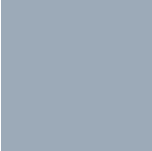
69, 15.149, 278.413

Protanopia

69, 14.876, 286.255

Deuteranopia

69, 17.834, 299.889



Tritanopia
69, 9.060, 257.514

Trichromacy



Original Color
69, 15.149, 278.413

Protanomaly
69, 14.943, 283.598

Deuteranomaly
69, 16.498, 291.828

Tritanomaly
69, 11.165, 268.909

Monochromacy



Original Color
69, 15.149, 278.413

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.663, 275.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.149, 278.413 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(158, 168, 195)` looks like.

```
.text, #text, p{  
    color:rgb(158, 168, 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(158, 168, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 168, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.149, 278.413 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(158, 168, 195) }
```

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

```
.border{ border-color:rgb(158, 168, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 168, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 168, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 168, 195);  
box-shadow:4px 4px 4px 4px rgb(158, 168,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.149, 278.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 168, 195) }
```

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

```
.background{ background-color: rgb(158,  
168, 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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