

Converting Colors

CIELCh(69, 15.149, 309.112)

Have a look what the booklet for
CIELCh(69, 15.149, 309.112)
contains.

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Color

CIELCh(69, 15.006, 308.354)

Conversions

Conversions Part 1

Format	Color
Hex	B0A4BE
RGB	176, 164, 190
RGB Percent	69%, 64%, 75%
CMY	0.3110, 0.3580, 0.2561
CMYK	0.07, 0.14, 0.00, 0.26
HSL	268°, 17%, 69%
HSV	268°, 14%, 74%
XYZ	40.3200, 39.3444, 54.0097
YIQ	170.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

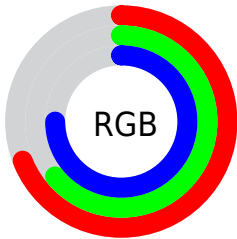
Format	Color
RYB	176, 164, 190
Decimal	11576510
CIELab	69.00, 9.31, -11.77
CIELCh	69, 15.006, 308.354
Yxy	39.3444, 0.3016, 0.2943
Android (android.graphics.Color)	4289766590 (0xFFB0A4BE)
YUV	170.5520, 9.5879, 4.7779
Hunter-Lab	62.7251, 4.9716, -7.1443

Details

The CIELCh color $69, 15.006, 308.354$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 14.703, 127.090$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 14.847, 308.919$, and $49, 15.358, 307.823$ is the 20% darker color. If you saturate the color by 10%, you get $63, 26.329, 308.883$, and if you desaturate by 10%, it is $75, 3.997, 307.852$.

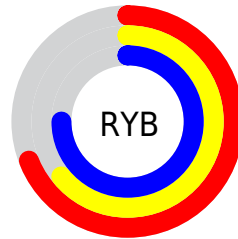
Distribution



Red (69%)

Green (64%)

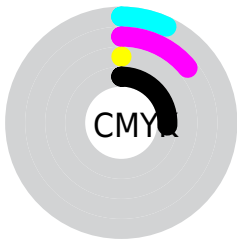
Blue (75%)



Red (69%)

Yellow (64%)

Blue (75%)

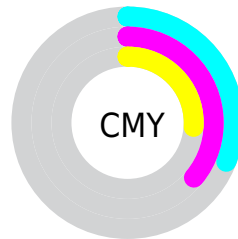


Cyan (7%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 15.006, 308.354 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, 15.006, 308.354 by changing the saturation by 10% instead.

■ 69, 15.006,
308.354

■ 69, 15.006,
308.354

■ 100, 15.006,
308.354

■ 59, 15.006,
308.354

■ 89, 15.006,
308.354

■ 49, 15.006,
308.354

■ 99, 15.006,
308.354

■ 39, 15.006,
308.354

■ 29, 15.006,
308.354

■ 19, 15.006,
308.354

■ 9, 15.006, 308.354

■ 0, 15.006, 308.354

69, 15.006,
308.354

69, 15.006,
308.354

63, 26.329,
308.883

75, 3.997, 307.852

58, 37.921,
309.451

80, 6.674, 127.461

52, 49.672,
310.039

86, 17.007,
127.068

47, 61.384,
310.616

92, 27.010,
126.728

42, 72.710,
311.128

97, 34.670,
125.404

37, 83.097,
311.495

97, 33.632,
119.327

33, 91.779,
311.605

98, 33.016,
112.821

30, 97.920,

99, 32.860,
107.676

311.335

■ 29, 100.746,
311.036

Harmonies

Complementary

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



69, 15.006, 308.354



75, 14.703, 127.090

Rectangle

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



69, 15.006, 308.354



69, 15.006, 358.354



69, 15.006, 128.354



69, 15.006, 178.354

Sweetspot

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



69, 15.004, 308.352



95, 5.362, 307.871



72, 8.057, 251.599



50, 3.845, 307.910



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, 15.004, 308.352



86, 21.819, 308.484



70, 16.939, 323.785



37, 6.141, 308.134



23, 87.902, 311.190



2, 17.971, 303.694

Inverse Universe

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



70, 12.467, 342.718



87, 18.106, 342.948



74, 16.900, 142.339



37, 5.112, 342.335



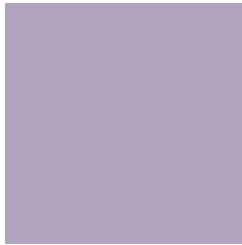
34, 59.883, 357.890



3, 14.269, 349.332

Previews

White Background



This preview shows how the CIELCh color 69, 15.006, 308.354 looks on a white background.

Color Contrast Check

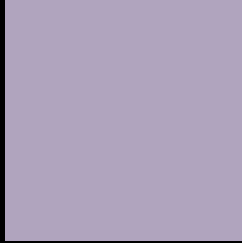
Large Text (above 18pt) WCAG AA × Fail

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, 15.006, 308.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

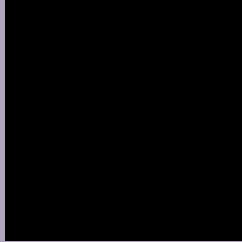
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.006, 308.354

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.006, 308.354.



This preview shows how white text looks on a background with the CIELCh color 69, 15.006, 308.354.

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, 15.006, 308.354

Protanopia

69, 13.761, 287.143

Deuteranopia

69, 14.905, 307.012



Tritanopia
69, 7.773, 313.273

Trichromacy



Original Color
69, 15.006, 308.354

Protanomaly
69, 13.782, 294.519

Deuteranomaly
69, 14.905, 307.012

Tritanomaly
69, 10.605, 311.391

Monochromacy



Original Color
69, 15.006, 308.354

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 5.182, 307.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.006, 308.354 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(176, 164, 190)` looks like.

```
.text, #text, p{  
    color:rgb(176, 164, 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(176, 164, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 164, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.006, 308.354 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(176, 164, 190) }
```

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

```
.border{ border-color:rgb(176, 164, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 164, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 164, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 164, 190);  
box-shadow:4px 4px 4px 4px rgb(176, 164,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.006, 308.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 164, 190) }
```

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

```
.background{ background-color: rgb(176,  
164, 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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