

Converting Colors

CIELCh(69, 17.715, 309.150)

Have a look what the booklet for
CIELCh(69, 17.715, 309.150)
contains.

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Color

CIELCh(69, 17.328, 308.627)

Conversions

Conversions Part 1

Format	Color
Hex	B1A3C1
RGB	177, 163, 193
RGB Percent	69%, 64%, 76%
CMY	0.3062, 0.3611, 0.2435
CMYK	0.08, 0.16, 0.00, 0.24
HSL	268°, 19%, 70%
HSV	268°, 16%, 76%
XYZ	40.8066, 39.3444, 55.8410
YIQ	170.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

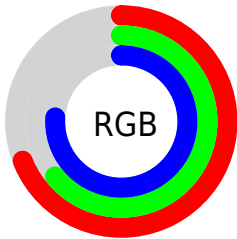
Format	Color
RYB	177, 163, 193
Decimal	11641793
CIELab	69.00, 10.82, -13.54
CIELCh	69, 17.328, 308.627
Yxy	39.3444, 0.3001, 0.2893
Android (android.graphics.Color)	4289831873 (0xFFB1A3C1)
YUV	170.6060, 11.0402, 5.6075
Hunter-Lab	62.7251, 6.3565, -8.8753

Details

The CIELCh color $69, 17.328, 308.627$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 16.938, 127.185$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.052, 309.075$, and $49, 17.274, 308.760$ is the 20% darker color. If you saturate the color by 10%, you get $63, 28.870, 309.161$, and if you desaturate by 10%, it is $75, 6.096, 308.127$.

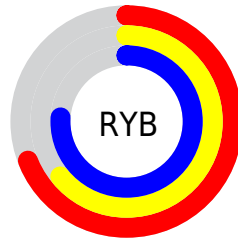
Distribution



Red (69%)

Green (64%)

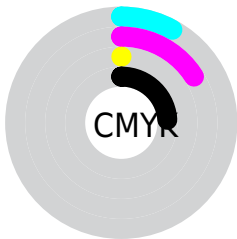
Blue (76%)



Red (69%)

Yellow (64%)

Blue (76%)

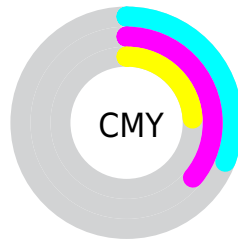


Cyan (8%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.328, 308.627 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, 17.328, 308.627 by changing the saturation by 10% instead.

■ 69, 17.328,
308.627

■ 69, 17.328,
308.627

■ 100, 17.328,
308.627

■ 59, 17.328,
308.627

■ 89, 17.328,
308.627

■ 49, 17.328,
308.627

■ 99, 17.328,
308.627

■ 39, 17.328,
308.627

■ 29, 17.328,
308.627

■ 19, 17.328,
308.627

■ 9, 17.328, 308.627

■ 0, 17.328, 308.627

69, 17.328,
308.627

69, 17.328,
308.627

63, 28.870,
309.161

75, 6.096, 308.127

58, 40.665,
309.729

81, 4.797, 127.726

52, 52.588,
310.312

86, 15.347,
127.320

47, 64.409,
310.873

92, 25.561,
126.973

42, 75.738,
311.355

97, 32.954,
125.355

37, 85.971,
311.672

97, 31.936,
118.907

33, 94.301,
311.707

98, 31.368,
112.002

31, 99.926,

99, 31.266,
107.799

311.342

■ 29, 101.917,
311.131

Harmonies

Complementary

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



69, 17.328, 308.627



76, 16.938, 127.185

Rectangle

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



69, 17.328, 308.627



69, 17.328, 358.627



69, 17.328, 128.627



69, 17.328, 178.627

Sweetspot

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



69, 17.326, 308.626



95, 6.774, 308.103



72, 9.253, 251.864



50, 4.625, 308.139



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, 17.326, 308.626



85, 26.265, 308.822



70, 19.507, 323.882



38, 6.284, 308.315



24, 88.859, 311.284



2, 20.105, 304.198

Inverse Universe

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



70, 14.320, 343.154



86, 21.662, 343.499



75, 19.460, 142.218



38, 5.208, 342.604



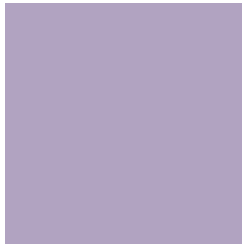
34, 60.494, 358.412



3, 16.140, 350.321

Previews

White Background



This preview shows how the CIELCh color 69, 17.328, 308.627 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, 17.328, 308.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

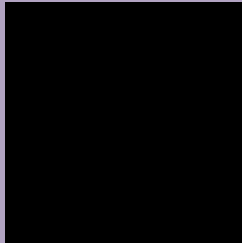
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 17.328, 308.627

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.328, 308.627.



This preview shows how white text looks on a background with the CIELCh color 69, 17.328, 308.627.

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, 17.328, 308.627

Protanopia

69, 15.968, 286.759

Deuteranopia

69, 16.335, 303.091



Tritanopia
69, 8.099, 318.171

Trichromacy



Original Color
69, 17.328, 308.627

Protanomaly
69, 15.975, 294.299

Deuteranomaly
69, 16.411, 304.323

Tritanomaly
69, 11.399, 313.943

Monochromacy



Original Color
69, 17.328, 308.627

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.342, 307.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.328, 308.627 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(177, 163, 193)` looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 193)  
}
```

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(177, 163, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.328, 308.627 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(177, 163, 193) }
```

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

```
.border{ border-color:rgb(177, 163, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 163, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 163, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 163, 193);  
box-shadow:4px 4px 4px 4px rgb(177, 163,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.328, 308.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 193) }
```

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

```
.background{ background-color: rgb(177,  
163, 193) }
```

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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