

Converting Colors

CIELCh(49, 3.169, 316.870)

Have a look what the booklet for
CIELCh(49, 3.169, 316.870) contains.

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Color

CIELCh(49, 3.368, 318.943)

Conversions

Conversions Part 1

Format	Color
Hex	777378
RGB	119, 115, 120
RGB Percent	47%, 45%, 47%
CMY	0.5327, 0.5483, 0.5287
CMYK	0.01, 0.04, 0.00, 0.53
HSL	288°, 2%, 46%
HSV	288°, 4%, 47%
XYZ	17.1815, 17.5941, 20.3139
YIQ	116.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

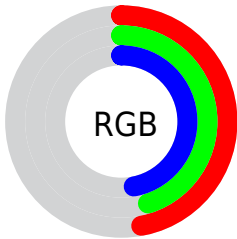
Format	Color
R_{YB}	119, 115, 120
Decimal	7828344
CIE Lab	49.00, 2.54, -2.21
CIE LCh	49, 3.368, 318.943
Yxy	17.5941, 0.3119, 0.3194
Android (android.graphics.Color)	4286018424 (0xFF777378)
YUV	116.7660, 1.5944, 1.9592
Hunter-Lab	41.9453, -0.2875, 0.6478

Details

The CIELCh color **49, 3.368, 318.943** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 3.349, 138.675**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 3.152, 318.878**, and **29, 3.686, 319.056** is the 20% darker color. If you saturate the color by 10%, you get **45, 11.549, 319.395**, and if you desaturate by 10%, it is **53, 4.659, 138.604**.

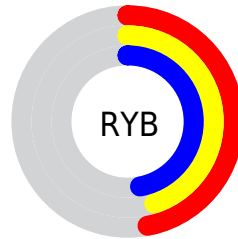
Distribution



Red (47%)

Green (45%)

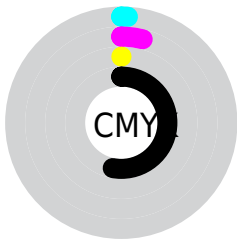
Blue (47%)



Red (47%)

Yellow (45%)

Blue (47%)

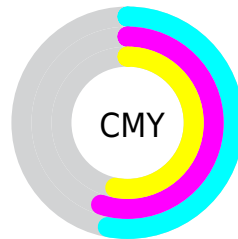


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 3.368, 318.943 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 49, 3.368, 318.943 by changing the saturation by 10% instead.

■ 49, 3.368, 318.943

■ 49, 3.368, 318.943

■ 100, 3.368,
318.943

■ 39, 3.368, 318.943

■ 69, 3.368, 318.943

■ 29, 3.368, 318.943

■ 79, 3.368, 318.943

■ 19, 3.368, 318.943

■ 89, 3.368, 318.943

■ 9, 3.368, 318.943

■ 99, 3.368, 318.943

■ 0, 3.368, 318.943

■ 49, 3.368, 318.943

■ 49, 3.368, 318.943

■ 45, 11.549,
319.395

■ 53, 4.659, 138.604

■ 42, 19.829,

■ 56, 12.492,
138.194

319.828

60, 20.116,
137.822

39, 28.111,
320.248

64, 27.525,
137.478

35, 36.250,
320.640

67, 34.721,
137.161

32, 44.038,
320.977

71, 41.708,
136.870

30, 51.197,
321.229

75, 48.495,
136.604

27, 57.395,
321.358

78, 55.092,
136.363

25, 62.284,
321.324

82, 61.508,
136.143

24, 65.659,
321.099

Harmonies

Complementary

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



49, 3.368, 318.943



50, 3.349, 138.675

Rectangle

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



49, 3.368, 318.943



49, 3.368, 8.943



49, 3.368, 138.943



49, 3.368, 188.943

Sweetspot

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



49, 3.366, 318.940



64, 1.002, 318.680



49, 2.337, 279.893



33, 0.574, 318.663



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



49, 3.366, 318.940



62, 5.001, 318.989



49, 2.932, 333.807



25, 2.778, 319.005



24, 69.365, 320.932



51, 116.943, 320.566

Inverse Universe

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



49, 2.121, 3.437



62, 3.155, 3.553



50, 2.917, 153.435



25, 1.754, 3.591



25, 53.874, 27.419



53, 93.163, 30.581

Previews

White Background



This preview shows how the CIELCh color 49, 3.368, 318.943 looks on a white 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 × Fail

Black Background



This preview shows how the CIE LCh color 49, 3.368, 318.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

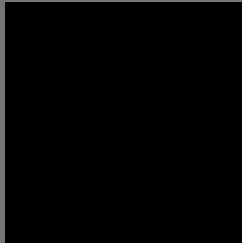
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

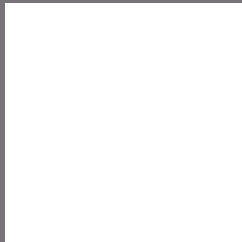
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 3.368, 318.943

Background



This preview shows how black text looks on a background with the CIELCh color 49, 3.368, 318.943.



This preview shows how white text looks on a background with the CIELCh color 49, 3.368, 318.943.

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

49, 3.368, 318.943

Protanopia

49, 2.973, 298.261

Deuteranopia

49, 7.064, 338.622



Tritanopia
49, 5.674, 311.263

Trichromacy



Original Color

49, 3.368, 318.943

Protanomaly

49, 3.057, 305.676

Deuteranomaly

49, 5.777, 334.770

Tritanomaly

49, 5.129, 313.547

Monochromacy



Original Color

49, 3.368, 318.943

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.437, 324.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 3.368, 318.943 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(119, 115, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 115, 120)  
}
```

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(119, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 115, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 3.368, 318.943 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(119, 115, 120) }
```

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

```
.border{ border-color:rgb(119, 115, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 115,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 3.368, 318.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 115, 120) }
```

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

```
.background{ background-color: rgb(119,  
115, 120) }
```

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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