

Converting Colors

CIELCh(49, 4.060, 349.317)

Have a look what the booklet for
CIELCh(49, 4.060, 349.317) contains.

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Color

CIELCh(49, 4.357, 347.296)

Conversions

Conversions Part 1

Format	Color
Hex	7B7276
RGB	123, 114, 118
RGB Percent	48%, 45%, 46%
CMY	0.5171, 0.5524, 0.5368
CMYK	0.00, 0.07, 0.04, 0.52
HSL	333°, 4%, 47%
HSV	333°, 7%, 48%
XYZ	17.4953, 17.5941, 19.6525
YIQ	117.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

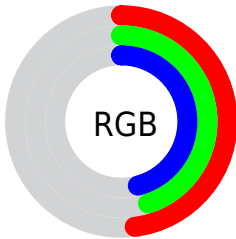
Format	Color
R_{YB}	123, 114, 118
Decimal	8090230
CIE _{Lab}	49.00, 4.25, -0.96
CIE _{LCh}	49, 4.357, 347.296
Yxy	17.5941, 0.3196, 0.3214
Android (android.graphics.Color)	4286280310 (0xFF7B7276)
YUV	117.1470, 0.4205, 5.1331
Hunter-Lab	41.9453, 1.0478, 1.5827

Details

The CIELCh color $49, 4.357, 347.296$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 4.301, 166.232$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 4.075, 347.099$, and $29, 4.404, 344.416$ is the 20% darker color. If you saturate the color by 10%, you get $45, 10.447, 348.251$, and if you desaturate by 10%, it is $53, 1.573, 166.745$.

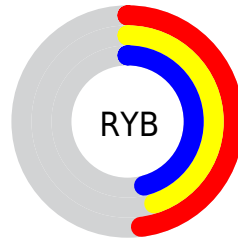
Distribution



Red (48%)

Green (45%)

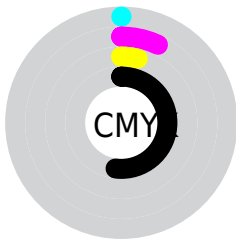
Blue (46%)



Red (48%)

Yellow (45%)

Blue (46%)

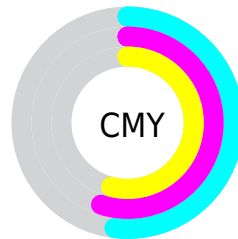


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 4.357, 347.296 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, 4.357, 347.296 by changing the saturation by 10% instead.

■ 49, 4.357, 347.296

■ 49, 4.357, 347.296

■ 100, 4.357,
347.296

■ 39, 4.357, 347.296

■ 69, 4.357, 347.296

■ 29, 4.357, 347.296

■ 79, 4.357, 347.296

■ 19, 4.357, 347.296

■ 89, 4.357, 347.296

■ 9, 4.357, 347.296

■ 99, 4.357, 347.296

■ 0, 4.357, 347.296

■ 49, 4.357, 347.296

■ 49, 4.357, 347.296

■ 45, 10.447,
348.251

■ 53, 1.573, 166.745

■ 42, 16.642,

■ 56, 7.308, 165.854

349.282

60, 12.839,
165.158

39, 22.840,
350.452

64, 18.167,
164.526

35, 28.888,
351.811

68, 23.298,
163.945

33, 34.568,
353.426

71, 28.245,
163.407

30, 39.611,
355.390

75, 33.021,
162.906

28, 43.728,
357.826

79, 37.639,
162.440

27, 46.695, 0.884

83, 42.113,
162.004

26, 48.692, 4.551

Harmonies

Complementary

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



49, 4.357, 347.296



51, 4.301, 166.232

Rectangle

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



49, 4.357, 347.296



49, 4.357, 37.296



49, 4.357, 167.296



49, 4.357, 217.296

Sweetspot

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



49, 4.355, 347.304



65, 1.474, 346.687



49, 5.673, 311.077



34, 0.844, 346.656



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



49, 4.355, 347.304



62, 6.685, 347.484



49, 3.517, 23.990



24, 3.348, 347.469



26, 49.780, 5.602



54, 83.829, 8.403

Inverse Universe

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



49, 4.355, 347.304



62, 6.685, 347.484



51, 3.364, 203.639



24, 3.348, 347.469



26, 49.780, 5.602



54, 83.829, 8.403

Previews

White Background



This preview shows how the CIE LCh color 49, 4.357, 347.296 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 CIELCh color 49, 4.357, 347.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

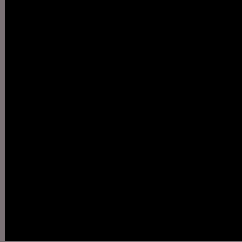
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 4.357, 347.296

Background



This preview shows how black text looks on a background with the CIELCh color 49, 4.357, 347.296.



This preview shows how white text looks on a background with the CIELCh color 49, 4.357, 347.296.

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, 4.357, 347.296

Protanopia

49, 1.950, 314.708

Deuteranopia

49, 6.428, 353.067



Tritanopia
49, 6.919, 330.389

Trichromacy



Original Color

49, 4.357, 347.296

Protanomaly

49, 3.114, 330.705

Deuteranomaly

49, 6.066, 351.229

Tritanomaly

49, 6.484, 333.734

Monochromacy



Original Color

49, 4.357, 347.296

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.356, 353.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 4.357, 347.296 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(123, 114, 118)` looks like.

```
.text, #text, p{  
    color:rgb(123, 114, 118)  
}
```

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(123, 114, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 114, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 4.357, 347.296 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(123, 114, 118) }
```

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

```
.border{ border-color:rgb(123, 114, 118) }
```

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

Here you see how a box with a 4 pixel rgb(123, 114, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 114, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 114, 118);  
box-shadow:4px 4px 4px 4px rgb(123, 114,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 4.357, 347.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 114, 118) }
```

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

```
.background{ background-color: rgb(123,  
114, 118) }
```

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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