

Converting Colors

CIELCh(49, 6.090, 305.277)

Have a look what the booklet for
CIELCh(49, 6.090, 305.277) contains.

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Color

CIELCh(49, 6.109, 305.875)

Conversions

Conversions Part 1

Format	Color
Hex	77737D
RGB	119, 115, 125
RGB Percent	47%, 45%, 49%
CMY	0.5342, 0.5499, 0.5107
CMYK	0.05, 0.08, 0.00, 0.51
HSL	264°, 4%, 47%
HSV	264°, 8%, 49%
XYZ	17.3719, 17.5941, 21.8092
YIQ	117.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

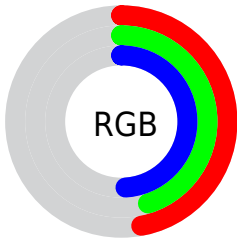
Format	Color
R_{YB}	119, 115, 125
Decimal	7828349
CIE _{Lab}	49.00, 3.58, -4.95
CIE _{LCh}	49, 6.109, 305.875
Yxy	17.5941, 0.3060, 0.3099
Android (android.graphics.Color)	4286018429 (0xFF77737D)
YUV	117.3360, 3.7784, 1.4593
Hunter-Lab	41.9453, 0.5226, -1.4658

Details

The CIELCh color $49, 6.109, 305.875$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 6.023, 125.132$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 6.247, 304.479$, and $29, 6.072, 307.607$ is the 20% darker color. If you saturate the color by 10%, you get $45, 13.941, 306.406$, and if you desaturate by 10%, it is $53, 1.485, 125.447$.

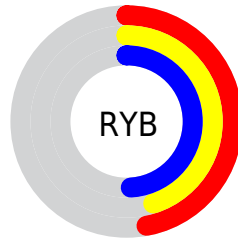
Distribution



Red (47%)

Green (45%)

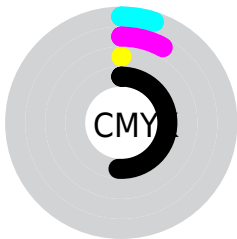
Blue (49%)



Red (47%)

Yellow (45%)

Blue (49%)

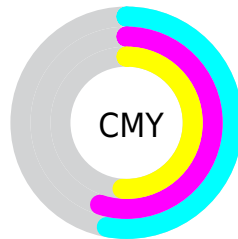


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.109, 305.875 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, 6.109, 305.875 by changing the saturation by 10% instead.

■ 49, 6.109, 305.875

■ 49, 6.109, 305.875

■ 100, 6.109,
305.875

■ 39, 6.109, 305.875

■ 69, 6.109, 305.875

■ 29, 6.109, 305.875

■ 79, 6.109, 305.875

■ 19, 6.109, 305.875

■ 89, 6.109, 305.875

■ 9, 6.109, 305.875

■ 99, 6.109, 305.875

■ 0, 6.109, 305.875

■ 49, 6.109, 305.875

■ 49, 6.109, 305.875

■ 45, 13.941,
306.406

■ 53, 1.485, 125.447

■ 41, 22.005,

■ 57, 8.837, 124.994

306.991

61, 15.956,
124.623

37, 30.265,
307.622

65, 22.851,
124.299

33, 38.649,
308.283

70, 29.533,
124.018

29, 47.019,
308.943

74, 36.014,
123.775

25, 55.127,
309.546

78, 42.306,
123.565

22, 62.576,
310.007

82, 48.421,
123.385

19, 68.802,
310.211

85, 54.368,
123.231

17, 73.723,
310.190

Harmonies

Complementary

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



49, 6.109, 305.875



52, 6.023, 125.132

Rectangle

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



49, 6.109, 305.875



49, 6.109, 355.875



49, 6.109, 125.875



49, 6.109, 175.875

Sweetspot

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



49, 6.108, 305.871



66, 1.888, 305.554



50, 3.258, 242.768



34, 1.068, 305.543



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, 6.108, 305.871



62, 9.529, 305.987



49, 6.869, 321.584



24, 4.234, 305.925



16, 74.831, 310.223



38, 126.768, 309.661

Inverse Universe

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



49, 5.371, 339.154



63, 8.369, 339.331



51, 6.844, 140.883



24, 3.721, 339.237



26, 51.834, 351.769



55, 86.444, 353.553

Previews

White Background



This preview shows how the CIELCh color 49, 6.109, 305.875 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, 6.109, 305.875 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

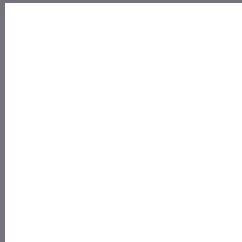
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 6.109, 305.875

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.109, 305.875.



This preview shows how white text looks on a background with the CIELCh color 49, 6.109, 305.875.

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, 6.109, 305.875

Protanopia

49, 5.289, 290.881

Deuteranopia

49, 8.336, 322.615



Tritanopia
49, 5.545, 307.418

Trichromacy



Original Color

49, 6.109, 305.875

Protanomaly

49, 5.309, 295.114

Deuteranomaly

49, 7.235, 316.927

Tritanomaly

49, 5.545, 307.418

Monochromacy



Original Color

49, 6.109, 305.875

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 2.495, 309.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 6.109, 305.875 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(119, 115, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 115, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.109, 305.875 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, 125) }
```

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

```
.border{ border-color:rgb(119, 115, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 115, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 115, 125);  
box-shadow:4px 4px 4px 4px rgb(119, 115,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.109, 305.875 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, 125) }
```

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

```
.background{ background-color: rgb(119,  
115, 125) }
```

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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