

Converting Colors

CIELCh(49, 8.488, 303.648)

Have a look what the booklet for
CIELCh(49, 8.488, 303.648) contains.

CIELCh(49, 8.495, 304.496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(49, 8.495, 304.496)

Conversions

Conversions Part 1

Format	Color
Hex	777280
RGB	119, 114, 128
RGB Percent	47%, 45%, 50%
CMY	0.5324, 0.5520, 0.4971
CMYK	0.07, 0.11, 0.00, 0.50
HSL	261°, 6%, 48%
HSV	261°, 11%, 50%
XYZ	17.5990, 17.5941, 22.9763
YIQ	117.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

Format	Color
R_{YB}	119, 114, 128
Decimal	7828096
CIE _{Lab}	49.00, 4.81, -7.00
CIE _{LCh}	49, 8.495, 304.496
Yxy	17.5941, 0.3025, 0.3025
Android (android.graphics.Color)	4286018176 (0xFF777280)
YUV	117.0910, 5.3781, 1.6742
Hunter-Lab	41.9453, 1.4891, -3.1155

Details

The CIELCh color $49, 8.495, 304.496$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 8.333, 123.388$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 8.480, 303.498$, and $29, 8.683, 305.732$ is the 20% darker color. If you saturate the color by 10%, you get $45, 16.534, 305.085$, and if you desaturate by 10%, it is $53, 0.709, 303.904$.

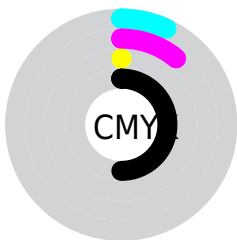
Distribution



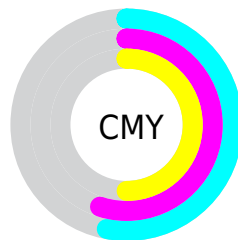
- Red (47%)
- Green (45%)
- Blue (50%)



- Red (47%)
- Yellow (45%)
- Blue (50%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 8.495, 304.496 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, 8.495, 304.496 by changing the saturation by 10% instead.

■ 49, 8.495, 304.496

■ 49, 8.495, 304.496

■ 100, 8.495,
304.496

■ 39, 8.495, 304.496

■ 69, 8.495, 304.496

■ 29, 8.495, 304.496

■ 79, 8.495, 304.496

■ 19, 8.495, 304.496

■ 89, 8.495, 304.496

■ 9, 8.495, 304.496

■ 99, 8.495, 304.496

■ 0, 8.495, 304.496

■ 49, 8.495, 304.496

■ 49, 8.495, 304.496

■ 45, 16.534,
305.085

■ 53, 0.709, 303.904

■ 40, 24.819,

■ 58, 6.822, 123.518

305.740

62, 14.106,
123.109

36, 33.312,
306.450

66, 21.156,
122.754

32, 41.934,
307.197

70, 27.984,
122.447

28, 50.523,
307.945

74, 34.602,
122.181

24, 58.791,
308.627

79, 41.023,
121.952

21, 66.266,
309.142

83, 47.258,
121.756

18, 72.293,
309.354

87, 53.319,
121.588

16, 76.914,
309.460

Harmonies

Complementary

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



49, 8.495, 304.496



53, 8.333, 123.388

Rectangle

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



49, 8.495, 304.496



49, 8.495, 354.496



49, 8.495, 124.496



49, 8.495, 174.496

Sweetspot

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



49, 8.494, 304.493



66, 2.847, 304.061



51, 4.480, 238.850



35, 2.177, 304.102



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 8.494, 304.493



61, 12.520, 304.628



50, 9.503, 320.751



25, 4.351, 304.391



16, 76.584, 309.466



0, 0.000, 0.000

Inverse Universe

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



50, 7.738, 337.418



62, 11.384, 337.597



52, 9.460, 139.787



25, 3.969, 337.280



27, 53.712, 348.425



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 8.495, 304.496 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, 8.495, 304.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

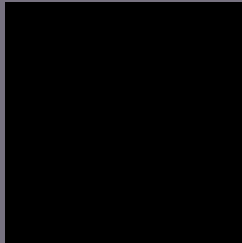
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 8.495, 304.496

Background



This preview shows how black text looks on a background with the CIELCh color 49, 8.495, 304.496.



This preview shows how white text looks on a background with the CIELCh color 49, 8.495, 304.496.

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, 8.495, 304.496

Protanopia

49, 7.639, 288.296

Deuteranopia

49, 9.548, 312.946



Tritanopia
49, 5.545, 307.418

Trichromacy



Original Color

49, 8.495, 304.496

Protanomaly

49, 8.282, 296.615

Deuteranomaly

49, 9.409, 310.708

Tritanomaly

49, 6.678, 304.607

Monochromacy



Original Color

49, 8.495, 304.496

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 3.057, 305.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 8.495, 304.496 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, 114, 128)` looks like.

```
.text, #text, p{  
    color:rgb(119, 114, 128)  
}
```

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, 114, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 114, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 8.495, 304.496 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, 114, 128) }
```

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

```
.border{ border-color:rgb(119, 114, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 114, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 114, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 114, 128); box-shadow:4px 4px 4px 4px rgb(119, 114, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 8.495, 304.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 114, 128) }
```

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

```
.background{ background-color: rgb(119,  
114, 128) }
```

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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