

Converting Colors

CIELCh(49, 7.783, 351.027)

Have a look what the booklet for
CIELCh(49, 7.783, 351.027) contains.

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Color

CIELCh(49, 8.061, 349.820)

Conversions

Conversions Part 1

Format	Color
Hex	817077
RGB	129, 112, 119
RGB Percent	51%, 44%, 47%
CMY	0.4940, 0.5607, 0.5332
CMYK	0.00, 0.13, 0.08, 0.49
HSL	335°, 7%, 47%
HSV	335°, 13%, 51%
XYZ	18.1839, 17.5941, 19.8969
YIQ	117.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

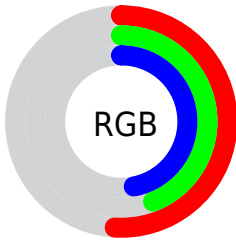
Format	Color
R_{YB}	129, 112, 119
Decimal	8482935
CIE Lab	49.00, 7.93, -1.42
CIE LCh	49, 8.061, 349.820
Yxy	17.5941, 0.3266, 0.3160
Android (android.graphics.Color)	4286673015 (0xFF817077)
YUV	117.8810, 0.5517, 9.7514
Hunter-Lab	41.9453, 3.9783, 1.2373

Details

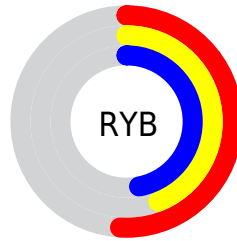
The CIELCh color $49, 8.061, 349.820$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 7.870, 167.601$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 7.870, 350.948$, and $29, 8.439, 348.820$ is the 20% darker color. If you saturate the color by 10%, you get $45, 14.355, 350.851$, and if you desaturate by 10%, it is $53, 1.915, 348.803$.

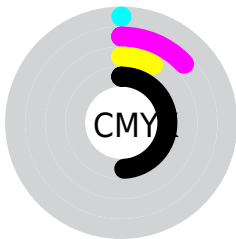
Distribution



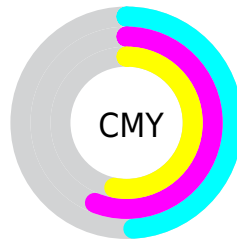
- Red (51%)
- Green (44%)
- Blue (47%)



- Red (51%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 8.061, 349.820 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, 8.061, 349.820 by changing the saturation by 10% instead.

■ 49, 8.061, 349.820

■ 49, 8.061, 349.820

■ 100, 8.061,
349.820

■ 39, 8.061, 349.820

■ 69, 8.061, 349.820

■ 29, 8.061, 349.820

■ 79, 8.061, 349.820

■ 19, 8.061, 349.820

■ 89, 8.061, 349.820

■ 9, 8.061, 349.820

■ 99, 8.061, 349.820

■ 0, 8.061, 349.820

■ 49, 8.061, 349.820

■ 49, 8.061, 349.820

■ 45, 14.355,
350.851

■ 53, 1.915, 348.803

■ 42, 20.721,

■ 57, 4.033, 168.242

352.011

60, 9.766, 167.465

38, 27.025,
353.356

64, 15.280,
166.787

35, 33.073,
354.954

68, 20.582,
166.168

33, 38.608,
356.894

72, 25.682,
165.599

30, 43.336,
359.298

76, 30.595,
165.073

28, 46.996, 2.319

80, 35.336,
164.584

27, 49.471, 6.106

84, 39.920,
164.129

27, 50.979, 8.842

Harmonies

Complementary

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



49, 8.061, 349.820



52, 7.870, 167.601

Rectangle

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



49, 8.061, 349.820



49, 8.061, 39.820



49, 8.061, 169.820



49, 8.061, 219.820

Sweetspot

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



49, 8.059, 349.825



67, 3.002, 348.918



49, 10.783, 312.456



34, 2.125, 348.992



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, 8.059, 349.825



61, 12.216, 350.142



49, 6.539, 27.338



25, 3.394, 349.428



26, 50.542, 8.777



0, 0.000, 0.000

Inverse Universe

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



49, 8.059, 349.825



61, 12.216, 350.142



52, 6.018, 206.727



25, 3.394, 349.428



26, 50.542, 8.777



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 8.061, 349.820 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, 8.061, 349.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

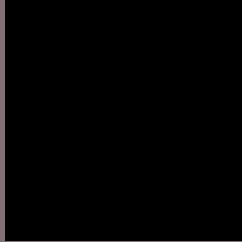
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 8.061, 349.820

Background



This preview shows how black text looks on a background with the CIELCh color 49, 8.061, 349.820.



This preview shows how white text looks on a background with the CIELCh color 49, 8.061, 349.820.

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, 8.061, 349.820

Protanopia

49, 2.973, 298.261

Deuteranopia

49, 6.706, 348.590



Tritanopia
49, 8.691, 343.112

Trichromacy



Original Color
49, 8.061, 349.820

Protanomaly
49, 3.822, 329.622

Deuteranomaly
49, 7.058, 350.403

Tritanomaly
49, 8.361, 346.337

Monochromacy



Original Color
49, 8.061, 349.820

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 2.710, 354.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 8.061, 349.820 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(129, 112, 119)` looks like.

```
.text, #text, p{  
    color:rgb(129, 112, 119)  
}
```

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(129, 112, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 112, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 8.061, 349.820 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(129, 112, 119) }
```

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

```
.border{ border-color:rgb(129, 112, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 112, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 112, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 112, 119);  
box-shadow:4px 4px 4px 4px rgb(129, 112,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 8.061, 349.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 112, 119) }
```

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

```
.background{ background-color: rgb(129,  
112, 119) }
```

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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