

Converting Colors

CIELCh(49, 6.905, 337.587)

Have a look what the booklet for
CIELCh(49, 6.905, 337.587) contains.

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Color

CIELCh(49, 7.064, 338.622)

Conversions

Conversions Part 1

Format	Color
Hex	7E7179
RGB	126, 113, 121
RGB Percent	49%, 44%, 47%
CMY	0.5063, 0.5572, 0.5259
CMYK	0.00, 0.10, 0.04, 0.51
HSL	323°, 5%, 47%
HSV	323°, 10%, 49%
XYZ	17.9284, 17.5941, 20.5080
YIQ	117.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

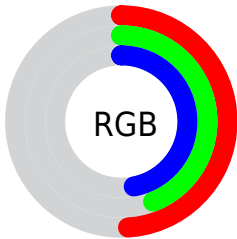
Format	Color
R_{YB}	126, 113, 121
Decimal	8286585
CIE Lab	49.00, 6.58, -2.57
CIE LCh	49, 7.064, 338.622
Yxy	17.5941, 0.3200, 0.3140
Android (android.graphics.Color)	4286476665 (0xFF7E7179)
YUV	117.7990, 1.5781, 7.1923
Hunter-Lab	41.9453, 2.8907, 0.3735

Details

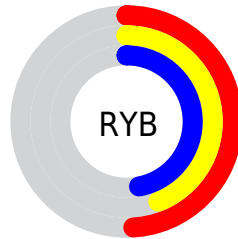
The CIELCh color $49, 7.064, 338.622$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 7.007, 157.209$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 6.903, 340.541$, and $29, 7.394, 336.648$ is the 20% darker color. If you saturate the color by 10%, you get $45, 14.006, 339.413$, and if you desaturate by 10%, it is $53, 0.223, 336.781$.

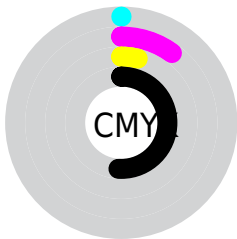
Distribution



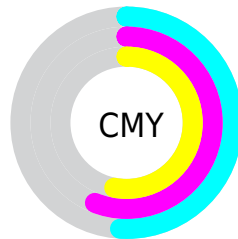
- Red (49%)
- Green (44%)
- Blue (47%)



- Red (49%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 7.064, 338.622 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, 7.064, 338.622 by changing the saturation by 10% instead.

■ 49, 7.064, 338.622

■ 49, 7.064, 338.622

■ 100, 7.064,
338.622

■ 39, 7.064, 338.622

■ 69, 7.064, 338.622

■ 29, 7.064, 338.622

■ 79, 7.064, 338.622

■ 19, 7.064, 338.622

■ 89, 7.064, 338.622

■ 9, 7.064, 338.622

■ 99, 7.064, 338.622

■ 0, 7.064, 338.622

■ 49, 7.064, 338.622

■ 49, 7.064, 338.622

■ 45, 14.006,
339.413

■ 53, 0.223, 336.781

■ 42, 20.961,

■ 56, 6.457, 157.324

340.257

60, 12.950,
156.683

39, 27.786,
341.180

64, 19.242,
156.096

36, 34.277,
342.208

68, 25.335,
155.548

33, 40.167,
343.378

71, 31.233,
155.035

31, 45.140,
344.743

75, 36.946,
154.555

29, 48.881,
346.376

79, 42.486,
154.103

28, 51.162,
348.372

83, 47.866,
153.678

27, 52.486,
350.560

Harmonies

Complementary

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



49, 7.064, 338.622



52, 7.007, 157.209

Rectangle

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



49, 7.064, 338.622



49, 7.064, 28.622



49, 7.064, 158.622



49, 7.064, 208.622

Sweetspot

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



49, 7.062, 338.625



66, 2.523, 338.014



48, 7.934, 305.401



34, 1.904, 338.089



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, 7.062, 338.625



62, 10.168, 338.777



49, 5.425, 10.585



25, 3.892, 338.531



27, 52.954, 350.599



0, 0.000, 0.000

Inverse Universe

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



49, 7.062, 338.625



62, 10.168, 338.777



52, 5.166, 189.084



25, 3.892, 338.531



27, 52.954, 350.599



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 7.064, 338.622 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, 7.064, 338.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

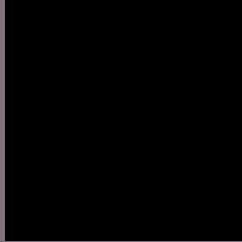
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 7.064, 338.622

Background



This preview shows how black text looks on a background with the CIELCh color 49, 7.064, 338.622.



This preview shows how white text looks on a background with the CIELCh color 49, 7.064, 338.622.

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, 7.064, 338.622

Protanopia

49, 4.139, 296.201

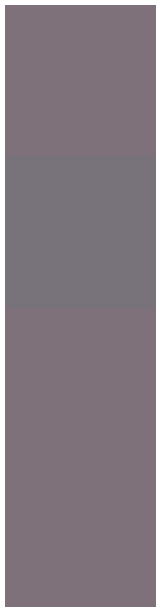
Deuteranopia

49, 7.064, 338.622



Tritanopia
49, 7.461, 335.247

Trichromacy



Original Color

49, 7.064, 338.622

Protanomaly

49, 4.595, 316.385

Deuteranomaly

49, 7.064, 338.622

Tritanomaly

49, 7.461, 335.247

Monochromacy



Original Color

49, 7.064, 338.622

Achromatopsia

50, 0.007, 296.813

Achromatomaly

49, 2.693, 338.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 7.064, 338.622 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(126, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(126, 113, 121)  
}
```

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(126, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 113, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 7.064, 338.622 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(126, 113, 121) }
```

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

```
.border{ border-color:rgb(126, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(126, 113,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 7.064, 338.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 113, 121) }
```

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

```
.background{ background-color: rgb(126,  
113, 121) }
```

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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