

Converting Colors

CIELCh(49, 6.928, 345.709)

Have a look what the booklet for
CIELCh(49, 6.928, 345.709) contains.

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Color

CIELCh(49, 6.706, 348.590)

Conversions

Conversions Part 1

Format	Color
Hex	7F7177
RGB	127, 113, 119
RGB Percent	50%, 44%, 47%
CMY	0.5027, 0.5576, 0.5341
CMYK	0.00, 0.11, 0.06, 0.50
HSL	334°, 6%, 47%
HSV	334°, 11%, 50%
XYZ	17.9275, 17.5941, 19.8453
YIQ	117.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

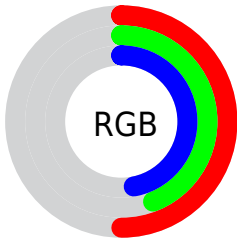
Format	Color
R_{YB}	127, 113, 119
Decimal	8352119
CIE _{Lab}	49.00, 6.57, -1.33
CIE _{LCh}	49, 6.706, 348.590
Yxy	17.5941, 0.3238, 0.3178
Android (android.graphics.Color)	4286542199 (0xFF7F7177)
YUV	117.8700, 0.5571, 8.0070
Hunter-Lab	41.9453, 2.8871, 1.3101

Details

The CIELCh color $49, 6.706, 348.590$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 6.579, 166.804$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 6.600, 350.097$, and $29, 6.963, 347.089$ is the 20% darker color. If you saturate the color by 10%, you get $45, 12.940, 349.582$, and if you desaturate by 10%, it is $53, 0.623, 347.284$.

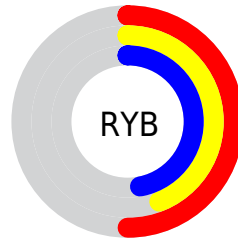
Distribution



Red (50%)

Green (44%)

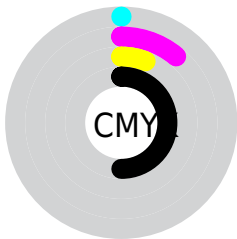
Blue (47%)



Red (50%)

Yellow (44%)

Blue (47%)

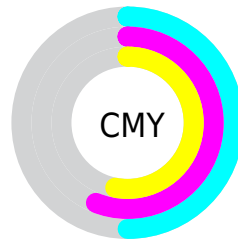


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.706, 348.590 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, 6.706, 348.590 by changing the saturation by 10% instead.

■ 49, 6.706, 348.590

■ 49, 6.706, 348.590

■ 100, 6.706,
348.590

■ 39, 6.706, 348.590

■ 69, 6.706, 348.590

■ 29, 6.706, 348.590

■ 79, 6.706, 348.590

■ 19, 6.706, 348.590

■ 89, 6.706, 348.590

■ 9, 6.706, 348.590

■ 99, 6.706, 348.590

■ 0, 6.706, 348.590

■ 49, 6.706, 348.590

■ 49, 6.706, 348.590

■ 45, 12.940,
349.582

■ 53, 0.623, 347.284

■ 42, 19.257,

■ 57, 5.264, 167.060

350.685

60, 10.940,
166.320

38, 25.535,
351.953

64, 16.405,
165.661

35, 31.593,
353.445

68, 21.663,
165.057

33, 37.188,
355.241

72, 26.727,
164.500

30, 42.032,
357.450

76, 31.610,
163.984

28, 45.846, 0.215

80, 36.326,
163.504

27, 48.462, 3.692

26, 50.306, 7.164

83, 40.889,
163.056

Harmonies

Complementary

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



49, 6.706, 348.590



52, 6.579, 166.804

Rectangle

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



49, 6.706, 348.590



49, 6.706, 38.590



49, 6.706, 168.590



49, 6.706, 218.590

Sweetspot

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



49, 6.704, 348.595



67, 2.245, 347.780



49, 8.849, 311.804



35, 1.717, 347.874



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, 6.704, 348.595



62, 9.861, 348.813



49, 5.435, 25.703



25, 3.430, 348.411



26, 50.503, 7.192



0, 0.000, 0.000

Inverse Universe

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



49, 6.704, 348.595



62, 9.861, 348.813



52, 5.075, 205.101



25, 3.430, 348.411



26, 50.503, 7.192



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 6.706, 348.590 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, 6.706, 348.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

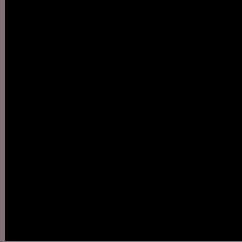
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 6.706, 348.590

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.706, 348.590.



This preview shows how white text looks on a background with the CIELCh color 49, 6.706, 348.590.

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, 6.706, 348.590

Protanopia

49, 2.973, 298.261

Deuteranopia

49, 6.706, 348.590



Tritanopia
49, 8.062, 339.462

Trichromacy



Original Color

49, 6.706, 348.590

Protanomaly

49, 3.822, 329.622

Deuteranomaly

49, 6.706, 348.590

Tritanomaly

49, 7.700, 342.787

Monochromacy



Original Color

49, 6.706, 348.590

Achromatopsia

50, 0.007, 296.813

Achromatomaly

49, 2.350, 349.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 6.706, 348.590 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(127, 113, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 113, 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(127, 113, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 113, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.706, 348.590 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(127, 113, 119) }
```

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

```
.border{ border-color:rgb(127, 113, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 113, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 113, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 113, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 113,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.706, 348.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 113, 119) }
```

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

```
.background{ background-color: rgb(127,  
113, 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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