

Converting Colors

CIELCh(49, 5.441, 303.424)

Have a look what the booklet for
CIELCh(49, 5.441, 303.424) contains.

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Color

CIELCh(49, 5.441, 303.424)

Conversions

Conversions Part 1

Format	Color
Hex	76737C
RGB	118, 115, 124
RGB Percent	46%, 45%, 49%
CMY	0.5369, 0.5487, 0.5134
CMYK	0.05, 0.07, 0.00, 0.51
HSL	260°, 4%, 47%
HSV	260°, 7%, 49%
XYZ	17.2650, 17.5941, 21.5814
YIQ	116.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

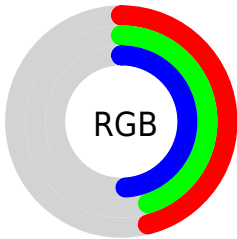
Format	Color
R _Y B	118, 115, 124
Decimal	7762812
CIE Lab	49.00, 3.00, -4.54
CIE LCh	49, 5.441, 303.424
Yxy	17.5941, 0.3059, 0.3117
Android (android.graphics.Color)	4285952892 (0xFF76737C)
YUV	116.9230, 3.4890, 0.9445
Hunter-Lab	41.9453, 0.0679, -1.1437

Details

The CIELCh color $49, 5.441, 303.424$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 5.363, 122.679$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 5.090, 303.313$, and $29, 5.337, 305.084$ is the 20% darker color. If you saturate the color by 10%, you get $45, 13.150, 304.011$, and if you desaturate by 10%, it is $53, 2.018, 122.928$.

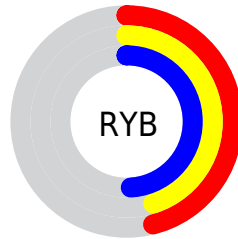
Distribution



Red (46%)

Green (45%)

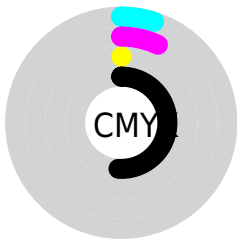
Blue (49%)



Red (46%)

Yellow (45%)

Blue (49%)

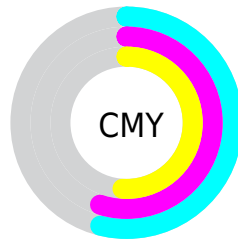


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (51%)



Cyan (54%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.441, 303.424 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, 5.441, 303.424 by changing the saturation by 10% instead.

■ 49, 5.441, 303.424

■ 49, 5.441, 303.424

■ 100, 5.441,
303.424

■ 39, 5.441, 303.424

■ 69, 5.441, 303.424

■ 29, 5.441, 303.424

■ 79, 5.441, 303.424

■ 19, 5.441, 303.424

■ 89, 5.441, 303.424

■ 9, 5.441, 303.424

■ 99, 5.441, 303.424

■ 0, 5.441, 303.424

■ 49, 5.441, 303.424

■ 49, 5.441, 303.424

■ 45, 13.150,
304.011

■ 53, 2.018, 122.928

■ 41, 21.110,

■ 57, 9.228, 122.456

304.670

62, 16.202,
122.056

36, 29.300,
305.396

66, 22.951,
121.709

32, 37.667,
306.176

70, 29.489,
121.409

28, 46.096,
306.982

74, 35.828,
121.151

25, 54.367,
307.761

78, 41.979,
120.928

21, 62.096,
308.426

82, 47.955,
120.737

18, 68.700,
308.847

86, 53.765,
120.573

16, 73.912,
309.014

Harmonies

Complementary

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



49, 5.441, 303.424



52, 5.363, 122.679

Rectangle

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



49, 5.441, 303.424



49, 5.441, 353.424



49, 5.441, 123.424



49, 5.441, 173.424

Sweetspot

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



49, 5.440, 303.419



65, 1.843, 303.120



50, 2.905, 234.299



34, 1.056, 303.110



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, 5.440, 303.419



61, 8.365, 303.530



49, 6.067, 319.592



24, 4.189, 303.521



15, 75.798, 309.113



36, 128.414, 308.600

Inverse Universe

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



49, 5.073, 336.098



62, 7.789, 336.243



51, 6.038, 139.012



24, 3.901, 336.231



27, 53.673, 346.563



56, 89.439, 347.909

Previews

White Background



This preview shows how the CIELCh color 49, 5.441, 303.424 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, 5.441, 303.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

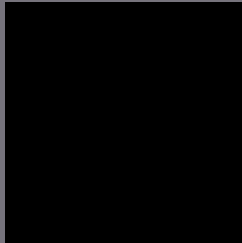
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

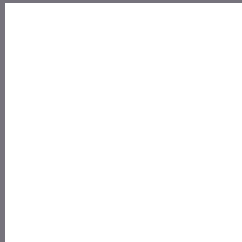
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 5.441, 303.424

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.441, 303.424.



This preview shows how white text looks on a background with the CIELCh color 49, 5.441, 303.424.

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, 5.441, 303.424

Protanopia

49, 4.702, 290.806

Deuteranopia

49, 7.848, 324.883



Tritanopia
49, 5.441, 303.424

Trichromacy



Original Color

49, 5.441, 303.424

Protanomaly

49, 4.724, 295.581

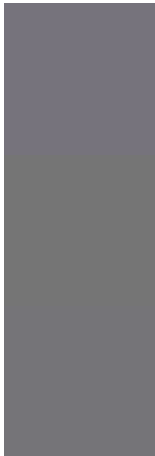
Deuteranomaly

49, 6.716, 319.129

Tritanomaly

49, 5.441, 303.424

Monochromacy



Original Color

49, 5.441, 303.424

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 2.393, 300.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 5.441, 303.424 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(118, 115, 124)` looks like.

```
.text, #text, p{  
    color:rgb(118, 115, 124)  
}
```

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(118, 115, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 115, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.441, 303.424 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(118, 115, 124) }
```

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

```
.border{ border-color:rgb(118, 115, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 115, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 115, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 115, 124);  
box-shadow:4px 4px 4px 4px rgb(118, 115,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.441, 303.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 115, 124) }
```

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

```
.background{ background-color: rgb(118,  
115, 124) }
```

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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