

Converting Colors

CIELCh(49, 11.567, 302.825)

Have a look what the booklet for
CIELCh(49, 11.567, 302.825)
contains.

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Color

CIELCh(49, 11.372, 301.309)

Conversions

Conversions Part 1

Format	Color
Hex	777285
RGB	119, 114, 133
RGB Percent	47%, 45%, 52%
CMY	0.5340, 0.5536, 0.4791
CMYK	0.11, 0.14, 0.00, 0.48
HSL	256°, 8%, 48%
HSV	256°, 14%, 52%
XYZ	17.8033, 17.5941, 24.5839
YIQ	117.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

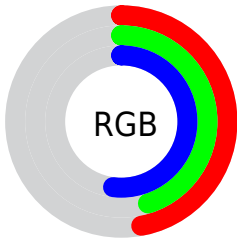
Format	Color
R_{YB}	119, 114, 133
Decimal	7828101
CIE Lab	49.00, 5.91, -9.72
CIE LCh	49, 11.372, 301.309
Yxy	17.5941, 0.2968, 0.2933
Android (android.graphics.Color)	4286018181 (0xFF777285)
YUV	117.6610, 7.5621, 1.1743
Hunter-Lab	41.9453, 2.3583, -5.3879

Details

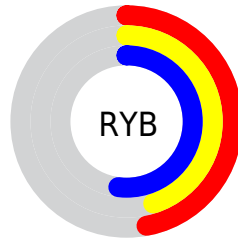
The CIELCh color $49, 11.372, 301.309$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 11.061, 119.570$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 11.176, 300.605$, and $29, 11.194, 302.772$ is the 20% darker color. If you saturate the color by 10%, you get $44, 19.664, 302.046$, and if you desaturate by 10%, it is $54, 3.363, 300.652$.

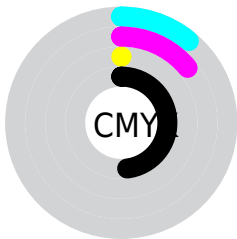
Distribution



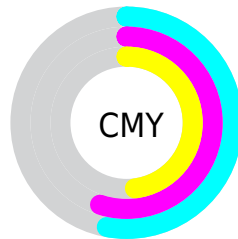
- Red (47%)
- Green (45%)
- Blue (52%)



- Red (47%)
- Yellow (45%)
- Blue (52%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 11.372, 301.309 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, 11.372, 301.309 by changing the saturation by 10% instead.

■ 49, 11.372,
301.309

■ 49, 11.372,
301.309

■ 100, 11.372,
301.309

■ 39, 11.372,
301.309

■ 69, 11.372,
301.309

■ 29, 11.372,
301.309

■ 79, 11.372,
301.309

■ 19, 11.372,
301.309

■ 89, 11.372,
301.309

■ 9, 11.372, 301.309

■ 99, 11.372,
301.309

■ 0, 11.372, 301.309

■ 49, 11.372,

■ 49, 11.372,

301.309

44, 19.664,
302.046

40, 28.238,
302.876

35, 37.062,
303.793

31, 46.051,
304.778

27, 55.023,
305.783

23, 63.622,
306.725

20, 71.242,
307.465

17, 77.109,
307.845

301.309

54, 3.363, 300.652

58, 4.365, 120.099

63, 11.827,
119.603

67, 19.038,
119.176

71, 26.011,
118.806

76, 32.763,
118.488

80, 39.305,
118.213

84, 45.653,
117.977

■ 16, 80.237,
308.111

■ 89, 51.817,
117.774

Harmonies

Complementary

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



49, 11.372, 301.309



55, 11.061, 119.570

Rectangle

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



49, 11.372, 301.309



49, 11.372, 351.309



49, 11.372, 121.309



49, 11.372, 171.309

Sweetspot

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



49, 11.371, 301.307



69, 3.890, 300.639



53, 6.016, 226.255



35, 2.755, 300.681



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



49, 11.371, 301.307



61, 16.898, 301.525



50, 12.495, 317.874



26, 4.439, 300.959



15, 79.003, 308.128



0, 1.048, 300.405

Inverse Universe

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



50, 11.175, 333.730



63, 16.545, 333.941



54, 12.385, 136.678



26, 4.386, 333.379



28, 57.698, 341.731



0, 1.043, 332.832

Previews

White Background



This preview shows how the CIELCh color 49, 11.372, 301.309 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, 11.372, 301.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

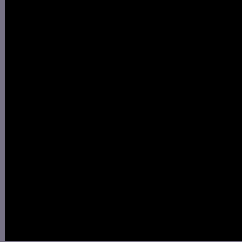
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 11.372, 301.309

Background



This preview shows how black text looks on a background with the CIELCh color 49, 11.372, 301.309.



This preview shows how white text looks on a background with the CIELCh color 49, 11.372, 301.309.

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, 11.372, 301.309

Protanopia

49, 11.184, 287.787

Deuteranopia

49, 12.120, 304.480



Tritanopia
49, 5.365, 299.312

Trichromacy



Original Color
49, 11.372, 301.309

Protanomaly
49, 11.171, 291.642

Deuteranomaly
49, 12.120, 304.480

Tritanomaly
49, 7.171, 300.494

Monochromacy



Original Color
49, 11.372, 301.309

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 4.200, 301.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 11.372, 301.309 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 114, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 114, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 11.372, 301.309 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, 133) }
```

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

```
.border{ border-color:rgb(119, 114, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 114, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 114, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 114,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 11.372, 301.309 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, 133) }
```

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

```
.background{ background-color: rgb(119,  
114, 133) }
```

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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