

Converting Colors

CIELCh(49, 7.339, 313.580)

Have a look what the booklet for
CIELCh(49, 7.339, 313.580) contains.

CIELCh(49, 7.069, 314.018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(49, 7.069, 314.018)

Conversions

Conversions Part 1

Format	Color
Hex	79727D
RGB	121, 114, 125
RGB Percent	47%, 45%, 49%
CMY	0.5253, 0.5528, 0.5096
CMYK	0.03, 0.09, 0.00, 0.51
HSL	278°, 5%, 47%
HSV	278°, 9%, 49%
XYZ	17.6177, 17.5941, 21.8839
YIQ	117.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

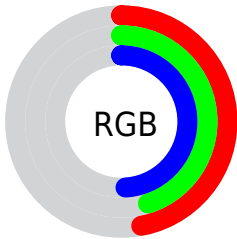
Format	Color
R_{YB}	121, 114, 125
Decimal	7959165
CIE Lab	49.00, 4.91, -5.08
CIE LCh	49, 7.069, 314.018
Yxy	17.5941, 0.3086, 0.3082
Android (android.graphics.Color)	4286149245 (0xFF79727D)
YUV	117.3470, 3.7729, 3.2037
Hunter-Lab	41.9453, 1.5687, -1.5713

Details

The CIELCh color $49, 7.069, 314.018$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 7.003, 133.346$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 7.124, 312.185$, and $29, 6.978, 312.972$ is the 20% darker color. If you saturate the color by 10%, you get $45, 15.266, 314.441$, and if you desaturate by 10%, it is $53, 0.948, 133.759$.

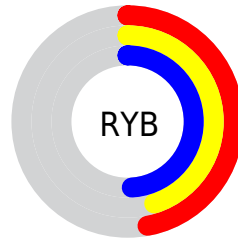
Distribution



Red (47%)

Green (45%)

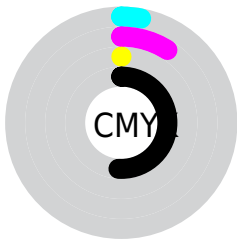
Blue (49%)



Red (47%)

Yellow (45%)

Blue (49%)

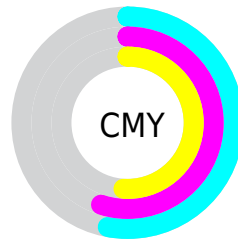


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 7.069, 314.018 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, 7.069, 314.018 by changing the saturation by 10% instead.

■ 49, 7.069, 314.018

■ 49, 7.069, 314.018

■ 100, 7.069,
314.018

■ 39, 7.069, 314.018

■ 69, 7.069, 314.018

■ 29, 7.069, 314.018

■ 79, 7.069, 314.018

■ 19, 7.069, 314.018

■ 89, 7.069, 314.018

■ 9, 7.069, 314.018

■ 99, 7.069, 314.018

■ 0, 7.069, 314.018

■ 49, 7.069, 314.018

■ 49, 7.069, 314.018

■ 45, 15.266,
314.441

■ 53, 0.948, 133.759

■ 41, 23.599,

■ 57, 8.757, 133.286

314.874

61, 16.348,
132.944

38, 31.984,
315.303

65, 23.722,
132.637

34, 40.284,
315.706

69, 30.881,
132.362

31, 48.289,
316.049

72, 37.835,
132.116

28, 55.696,
316.283

76, 44.592,
131.898

25, 62.112,
316.348

80, 51.162,
131.705

23, 67.102,
316.171

84, 57.556,
131.534

21, 70.869,
315.812

Harmonies

Complementary

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



49, 7.069, 314.018



52, 7.003, 133.346

Rectangle

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



49, 7.069, 314.018



49, 7.069, 4.018



49, 7.069, 134.018



49, 7.069, 184.018

Sweetspot

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



49, 7.067, 314.016



66, 2.981, 313.757



50, 4.348, 269.517



34, 2.250, 313.794



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, 7.067, 314.016



62, 11.020, 314.121



49, 7.147, 328.774



25, 4.603, 314.030



21, 72.359, 315.760



0, 0.000, 0.000

Inverse Universe

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



49, 5.064, 352.416



62, 7.907, 352.663



51, 7.130, 147.814



25, 3.299, 352.448



26, 50.904, 13.293



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 7.069, 314.018 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, 7.069, 314.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

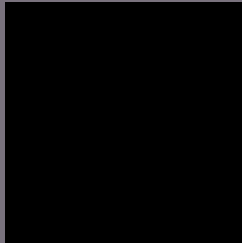
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

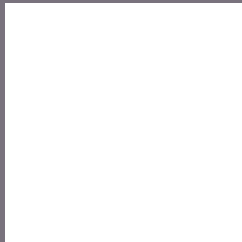
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 7.069, 314.018

Background



This preview shows how black text looks on a background with the CIELCh color 49, 7.069, 314.018.



This preview shows how white text looks on a background with the CIELCh color 49, 7.069, 314.018.

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, 7.069, 314.018

Protanopia

49, 5.876, 290.957

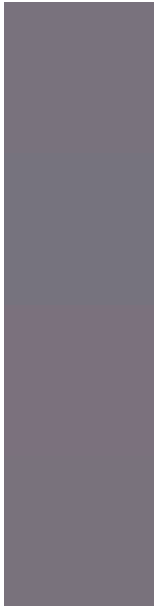
Deuteranopia

49, 8.336, 322.615



Tritanopia
49, 6.012, 318.422

Trichromacy



Original Color

49, 7.069, 314.018

Protanomaly

49, 6.593, 301.287

Deuteranomaly

49, 8.134, 320.196

Tritanomaly

49, 6.535, 316.036

Monochromacy



Original Color

49, 7.069, 314.018

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 2.495, 309.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 7.069, 314.018 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(121, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(121, 114, 125)  
}
```

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(121, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 114, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 7.069, 314.018 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(121, 114, 125) }
```

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

```
.border{ border-color:rgb(121, 114, 125) }
```

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

Here you see how a box with a 4 pixel rgb(121, 114, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(121, 114,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 7.069, 314.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 114, 125) }
```

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

```
.background{ background-color: rgb(121,  
114, 125) }
```

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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