

Converting Colors

CIELCh(49, 4.286, 324.531)

Have a look what the booklet for
CIELCh(49, 4.286, 324.531) contains.

CIELCh(49, 4.290, 324.659)	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, 4.290, 324.659)

Conversions

Conversions Part 1

Format	Color
Hex	797379
RGB	121, 115, 121
RGB Percent	47%, 45%, 47%
CMY	0.5269, 0.5504, 0.5269
CMYK	0.00, 0.05, 0.00, 0.53
HSL	300°, 3%, 46%
HSV	300°, 5%, 47%
XYZ	17.3571, 17.5941, 20.4579
YIQ	117.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

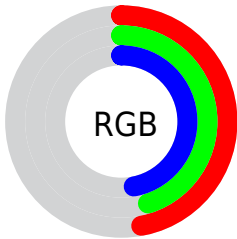
Format	Color
R_{YB}	121, 115, 121
Decimal	7959417
CIE Lab	49.00, 3.50, -2.48
CIE LCh	49, 4.290, 324.659
Yxy	17.5941, 0.3133, 0.3175
Android (android.graphics.Color)	4286149497 (0xFF797379)
YUV	117.4780, 1.7363, 3.0888
Hunter-Lab	41.9453, 0.4597, 0.4443

Details

The CIELCh color **49, 4.290, 324.659** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 4.276, 144.214**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 4.017, 324.571**, and **29, 4.691, 324.817** is the 20% darker color. If you saturate the color by 10%, you get **46, 12.985, 325.210**, and if you desaturate by 10%, it is **52, 4.292, 144.224**.

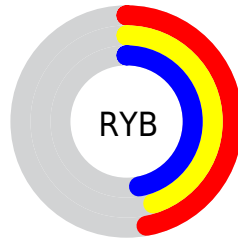
Distribution



Red (47%)

Green (45%)

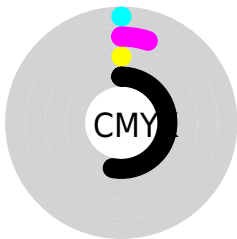
Blue (47%)



Red (47%)

Yellow (45%)

Blue (47%)

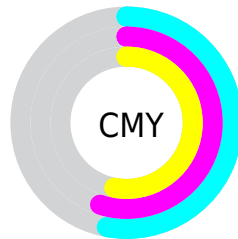


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 4.290, 324.659 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, 4.290, 324.659 by changing the saturation by 10% instead.

■ 49, 4.290, 324.659

■ 49, 4.290, 324.659

■ 100, 4.290,
324.659

■ 39, 4.290, 324.659

■ 69, 4.290, 324.659

■ 29, 4.290, 324.659

■ 79, 4.290, 324.659

■ 19, 4.290, 324.659

■ 89, 4.290, 324.659

■ 9, 4.290, 324.659

■ 99, 4.290, 324.659

■ 0, 4.290, 324.659

■ 49, 4.290, 324.659

■ 49, 4.290, 324.659

■ 46, 12.985,
325.210

■ 52, 4.292, 144.224

■ 42, 21.697,

■ 56, 12.691,
143.691

325.734

59, 20.871,
143.198

39, 30.276,
326.240

63, 28.811,
142.730

37, 38.518,
326.715

67, 36.505,
142.288

34, 46.166,
327.146

70, 43.957,
141.870

32, 52.921,
327.517

74, 51.171,
141.479

30, 58.479,
327.815

77, 58.160,
141.114

29, 62.597,
328.032

81, 64.936,
140.774

28, 65.254,
328.170

Harmonies

Complementary

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



49, 4.290, 324.659



50, 4.276, 144.214

Rectangle

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



49, 4.290, 324.659



49, 4.290, 14.659



49, 4.290, 144.659



49, 4.290, 194.659

Sweetspot

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



49, 4.288, 324.659



65, 1.079, 324.294



49, 3.472, 289.999



33, 0.610, 324.274



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



49, 4.288, 324.659



63, 6.465, 324.729



49, 3.048, 343.056



24, 3.446, 324.741



29, 68.132, 328.231



60, 114.690, 328.231

Inverse Universe

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



49, 2.448, 19.535



62, 3.704, 19.638



50, 3.023, 162.473



24, 1.975, 19.655



25, 60.075, 38.172



53, 103.781, 39.999

Previews

White Background



This preview shows how the CIELCh color 49, 4.290, 324.659 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, 4.290, 324.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

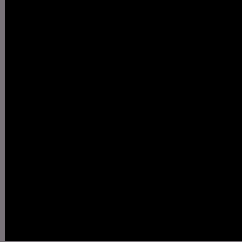
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 4.290, 324.659

Background



This preview shows how black text looks on a background with the CIELCh color 49, 4.290, 324.659.



This preview shows how white text looks on a background with the CIELCh color 49, 4.290, 324.659.

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, 4.290, 324.659

Protanopia

49, 2.973, 298.261

Deuteranopia

49, 7.064, 338.622



Tritanopia
49, 6.012, 318.422

Trichromacy



Original Color

49, 4.290, 324.659

Protanomaly

49, 3.057, 305.676

Deuteranomaly

49, 5.777, 334.770

Tritanomaly

49, 5.501, 321.271

Monochromacy



Original Color

49, 4.290, 324.659

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.437, 324.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 4.290, 324.659 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, 115, 121)` looks like.

```
.text, #text, p{  
    color:rgb(121, 115, 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(121, 115, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 115, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 4.290, 324.659 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, 115, 121) }
```

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

```
.border{ border-color:rgb(121, 115, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 115, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 115, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 115, 121);  
box-shadow:4px 4px 4px 4px rgb(121, 115,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 4.290, 324.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 115, 121) }
```

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

```
.background{ background-color: rgb(121,  
115, 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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