

Converting Colors

CIELCh(49, 7.850, 330.512)

Have a look what the booklet for
CIELCh(49, 7.850, 330.512) contains.

CIELCh(49, 7.621, 329.919)	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, 7.621, 329.919)

Conversions

Conversions Part 1

Format	Color
Hex	7D717B
RGB	125, 113, 123
RGB Percent	49%, 44%, 48%
CMY	0.5099, 0.5569, 0.5177
CMYK	0.00, 0.10, 0.02, 0.51
HSL	310°, 5%, 47%
HSV	310°, 10%, 49%
XYZ	17.9315, 17.5941, 21.1833
YIQ	117.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

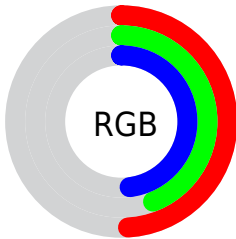
Format	Color
RYB	125, 113, 123
Decimal	8221051
CIELab	49.00, 6.59, -3.82
CIELCh	49, 7.621, 329.919
Yxy	17.5941, 0.3162, 0.3103
Android (android.graphics.Color)	4286411131 (0xFF7D717B)
YUV	117.7280, 2.5991, 6.3775
Hunter-Lab	41.9453, 2.9039, -0.5811

Details

The CIELCh color $49, 7.621, 329.919$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 7.599, 148.836$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 7.385, 332.046$, and $29, 7.557, 330.683$ is the 20% darker color. If you saturate the color by 10%, you get $46, 15.630, 330.530$, and if you desaturate by 10%, it is $53, 0.310, 150.056$.

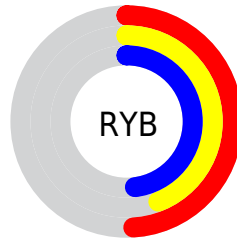
Distribution



Red (49%)

Green (44%)

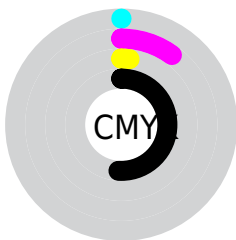
Blue (48%)



Red (49%)

Yellow (44%)

Blue (48%)

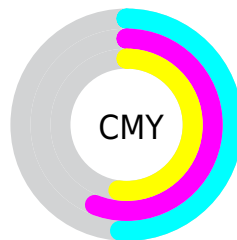


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 7.621, 329.919 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, 7.621, 329.919 by changing the saturation by 10% instead.

■ 49, 7.621, 329.919

■ 49, 7.621, 329.919

■ 100, 7.621,
329.919

■ 39, 7.621, 329.919

■ 69, 7.621, 329.919

■ 29, 7.621, 329.919

■ 79, 7.621, 329.919

■ 19, 7.621, 329.919

■ 89, 7.621, 329.919

■ 9, 7.621, 329.919

■ 99, 7.621, 329.919

■ 0, 7.621, 329.919

■ 49, 7.621, 329.919

■ 49, 7.621, 329.919

■ 46, 15.630,
330.530

■ 53, 0.310, 150.056

■ 42, 23.612,

■ 56, 8.087, 148.842

331.145

60, 15.673,
148.297

39, 31.406,
331.770

64, 23.047,
147.785

36, 38.788,
332.403

67, 30.202,
147.301

34, 45.480,
333.046

71, 37.140,
146.843

32, 51.159,
333.701

75, 43.868,
146.410

30, 55.514,
334.380

78, 50.396,
146.002

29, 58.318,
335.102

82, 56.738,
145.618

28, 60.014,
335.859

Harmonies

Complementary

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



49, 7.621, 329.919



51, 7.599, 148.836

Rectangle

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



49, 7.621, 329.919



49, 7.621, 19.919



49, 7.621, 149.919



49, 7.621, 199.919

Sweetspot

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



49, 7.619, 329.920



66, 2.952, 329.482



48, 7.134, 297.402



34, 2.227, 329.540



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, 7.619, 329.920



62, 11.867, 330.085



49, 5.439, 354.497



25, 4.546, 329.890



28, 60.937, 335.906



0, 0.000, 0.000

Inverse Universe

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



49, 7.619, 329.920



62, 11.867, 330.085



51, 5.312, 172.911



25, 4.546, 329.890



28, 60.937, 335.906



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 7.621, 329.919 looks on a white background.

Color Contrast Check

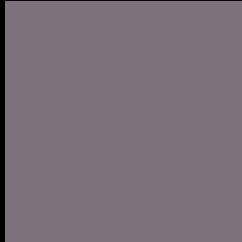
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.621, 329.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

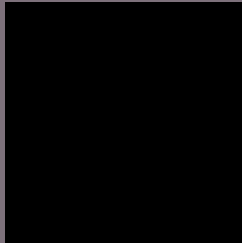
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 7.621, 329.919

Background



This preview shows how black text looks on a background with the CIELCh color 49, 7.621, 329.919.



This preview shows how white text looks on a background with the CIELCh color 49, 7.621, 329.919.

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, 7.621, 329.919

Protanopia

49, 5.289, 290.881

Deuteranopia

49, 7.621, 329.919



Tritanopia
49, 7.183, 332.905

Trichromacy



Original Color

49, 7.621, 329.919

Protanomaly

49, 5.545, 307.418

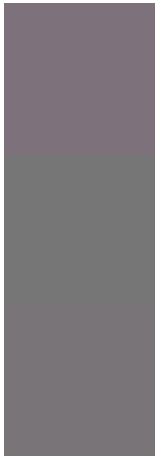
Deuteranomaly

49, 7.621, 329.919

Tritanomaly

49, 7.183, 332.905

Monochromacy



Original Color

49, 7.621, 329.919

Achromatopsia

50, 0.007, 296.813

Achromatomaly

49, 3.109, 330.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 7.621, 329.919 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(125, 113, 123)` looks like.

```
.text, #text, p{  
    color:rgb(125, 113, 123)  
}
```

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(125, 113, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 113, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 7.621, 329.919 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(125, 113, 123) }
```

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

```
.border{ border-color:rgb(125, 113, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 113, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 113, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 113, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 113,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 7.621, 329.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 113, 123) }
```

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

```
.background{ background-color: rgb(125,  
113, 123) }
```

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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