

Converting Colors

CIELCh(49, 8.102, 312.838)

Have a look what the booklet for
CIELCh(49, 8.102, 312.838) contains.

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Color

CIELCh(49, 7.611, 312.296)

Conversions

Conversions Part 1

Format	Color
Hex	79727E
RGB	121, 114, 126
RGB Percent	47%, 45%, 49%
CMY	0.5256, 0.5531, 0.5060
CMYK	0.04, 0.10, 0.00, 0.51
HSL	275°, 5%, 47%
HSV	275°, 10%, 49%
XYZ	17.6566, 17.5941, 22.1914
YIQ	117.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

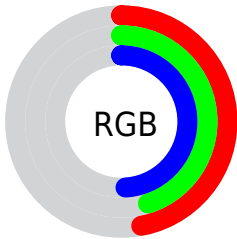
Format	Color
R_{YB}	121, 114, 126
Decimal	7959166
CIE Lab	49.00, 5.12, -5.63
CIE LCh	49, 7.611, 312.296
Yxy	17.5941, 0.3074, 0.3063
Android (android.graphics.Color)	4286149246 (0xFF79727E)
YUV	117.4610, 4.2097, 3.1037
Hunter-Lab	41.9453, 1.7343, -2.0060

Details

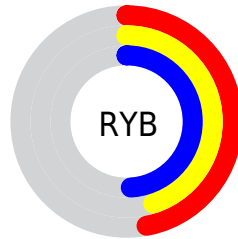
The CIELCh color $49, 7.611, 312.296$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 7.526, 131.551$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 7.637, 310.693$, and $29, 7.578, 311.194$ is the 20% darker color. If you saturate the color by 10%, you get $45, 15.783, 312.731$, and if you desaturate by 10%, it is $53, 0.368, 132.186$.

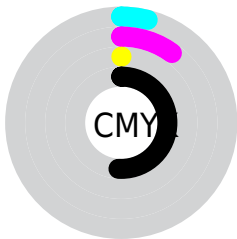
Distribution



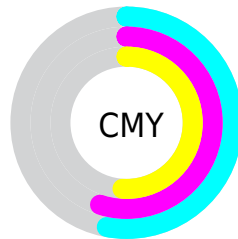
- Red (47%)
- Green (45%)
- Blue (49%)



- Red (47%)
- Yellow (45%)
- Blue (49%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 7.611, 312.296 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, 7.611, 312.296 by changing the saturation by 10% instead.

■ 49, 7.611, 312.296

■ 49, 7.611, 312.296

■ 100, 7.611,
312.296

■ 39, 7.611, 312.296

■ 69, 7.611, 312.296

■ 29, 7.611, 312.296

■ 79, 7.611, 312.296

■ 19, 7.611, 312.296

■ 89, 7.611, 312.296

■ 9, 7.611, 312.296

■ 99, 7.611, 312.296

■ 0, 7.611, 312.296

■ 49, 7.611, 312.296

■ 49, 7.611, 312.296

■ 45, 15.783,
312.731

■ 53, 0.368, 132.186

■ 41, 24.112,

■ 57, 8.130, 131.549

313.183

61, 15.670,
131.207

37, 32.519,
313.639

65, 22.990,
130.903

34, 40.879,
314.074

69, 30.095,
130.633

30, 48.985,
314.454

73, 36.994,
130.394

27, 56.534,
314.726

77, 43.696,
130.183

24, 63.116,
314.820

81, 50.213,
129.999

22, 68.260,
314.654

84, 56.555,
129.838

20, 72.280,
314.325

Harmonies

Complementary

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



49, 7.611, 312.296



52, 7.526, 131.551

Rectangle

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



49, 7.611, 312.296



49, 7.611, 2.296



49, 7.611, 132.296



49, 7.611, 182.296

Sweetspot

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



49, 7.610, 312.294



66, 2.943, 312.002



50, 4.428, 263.544



34, 2.221, 312.039



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, 7.610, 312.294



62, 10.885, 312.369



49, 8.159, 326.777



25, 4.546, 312.276



20, 73.126, 314.301



0, 0.000, 0.000

Inverse Universe

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



49, 5.701, 349.160



62, 8.157, 349.326



52, 8.144, 145.760



25, 3.405, 349.120



26, 50.525, 8.300



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 7.611, 312.296 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, 7.611, 312.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

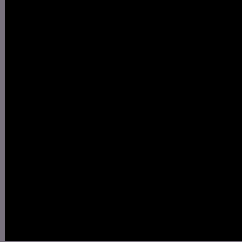
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 7.611, 312.296

Background



This preview shows how black text looks on a background with the CIELCh color 49, 7.611, 312.296.



This preview shows how white text looks on a background with the CIELCh color 49, 7.611, 312.296.

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, 7.611, 312.296

Protanopia

49, 6.468, 287.597

Deuteranopia

49, 8.648, 318.294



Tritanopia
49, 6.012, 318.422

Trichromacy



Original Color

49, 7.611, 312.296

Protanomaly

49, 7.113, 297.391

Deuteranomaly

49, 8.474, 315.887

Tritanomaly

49, 6.535, 316.036

Monochromacy



Original Color

49, 7.611, 312.296

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, 7.611, 312.296 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(121, 114, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 114, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 7.611, 312.296 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, 126) }
```

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

```
.border{ border-color:rgb(121, 114, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 114, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 114, 126);  
box-shadow:4px 4px 4px 4px rgb(121, 114,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 7.611, 312.296 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, 126) }
```

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

```
.background{ background-color: rgb(121,  
114, 126) }
```

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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