

Converting Colors

CIELCh(49, 17.475, 311.176)

Have a look what the booklet for
CIELCh(49, 17.475, 311.176)
contains.

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Color

CIELCh(49, 17.501, 311.182)

Conversions

Conversions Part 1

Format	Color
Hex	7E6F8B
RGB	126, 111, 139
RGB Percent	49%, 44%, 55%
CMY	0.5068, 0.5656, 0.4558
CMYK	0.09, 0.20, 0.00, 0.46
HSL	272°, 11%, 49%
HSV	272°, 20%, 54%
XYZ	18.8721, 17.5941, 26.7366
YIQ	118.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

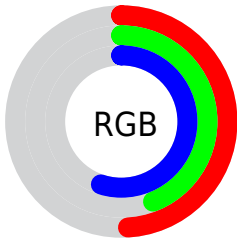
Format	Color
R_{YB}	126, 111, 139
Decimal	8286091
CIE _{Lab}	49.00, 11.52, -13.17
CIE _{LCh}	49, 17.501, 311.182
Yxy	17.5941, 0.2986, 0.2784
Android (android.graphics.Color)	4286476171 (0xFF7E6F8B)
YUV	118.6770, 10.0192, 6.4223
Hunter-Lab	41.9453, 6.9068, -8.4307

Details

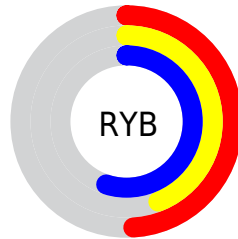
The CIELCh color $49, 17.501, 311.182$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56, 17.076, 129.437$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 17.550, 310.906$, and $29, 17.754, 311.640$ is the 20% darker color. If you saturate the color by 10%, you get $45, 26.474, 311.664$, and if you desaturate by 10%, it is $53, 8.712, 310.721$.

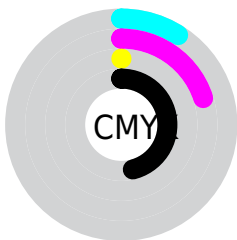
Distribution



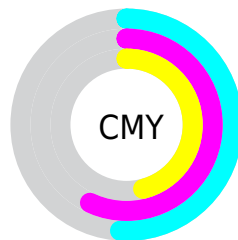
- Red (49%)
- Green (44%)
- Blue (55%)



- Red (49%)
- Yellow (44%)
- Blue (55%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 17.501, 311.182 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, 17.501, 311.182 by changing the saturation by 10% instead.

■ 49, 17.501,
311.182

■ 49, 17.501,
311.182

■ 100, 17.501,
311.182

■ 39, 17.501,
311.182

■ 69, 17.501,
311.182

■ 29, 17.501,
311.182

■ 79, 17.501,
311.182

■ 19, 17.501,
311.182

■ 89, 17.501,
311.182

■ 9, 17.501, 311.182

■ 99, 17.501,
311.182

■ 0, 17.501, 311.182

■ 49, 17.501,

■ 49, 17.501,

311.182

45, 26.474,
311.664

40, 35.560,
312.158

36, 44.622,
312.639

33, 53.441,
313.066

29, 61.672,
313.382

26, 68.843,
313.507

23, 74.398,
313.345

21, 78.573,
313.001

311.182

53, 8.712, 310.721

58, 0.151, 309.655

62, 8.167, 129.942

66, 16.239,
129.592

71, 24.068,
129.284

75, 31.662,
129.012

79, 39.032,
128.774

84, 46.189,
128.565

88, 53.145,

Harmonies

Complementary

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



49, 17.501, 311.182



56, 17.076, 129.437

Rectangle

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



49, 17.501, 311.182



49, 17.501, 1.182



49, 17.501, 131.182



49, 17.501, 181.182

Sweetspot

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



49, 17.500, 311.181



70, 6.354, 310.539



51, 9.816, 261.788



37, 4.251, 310.564



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



49, 17.500, 311.181



61, 26.006, 311.389



50, 19.216, 326.418



27, 4.797, 310.675



20, 75.995, 313.049



0, 2.201, 310.302

Inverse Universe

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



50, 13.637, 347.377



62, 20.240, 347.821



55, 19.198, 144.088



27, 3.743, 346.328



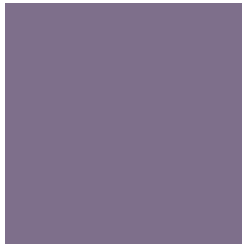
28, 52.014, 4.026



0, 1.717, 345.614

Previews

White Background



This preview shows how the CIELCh color 49, 17.501, 311.182 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, 17.501, 311.182 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, 17.501, 311.182

Background



This preview shows how black text looks on a background with the CIELCh color 49, 17.501, 311.182.



This preview shows how white text looks on a background with the CIELCh color 49, 17.501, 311.182.

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, 17.501, 311.182

Protanopia

49, 15.901, 286.997

Deuteranopia

49, 14.185, 296.549



Tritanopia
49, 6.425, 324.797

Trichromacy



Original Color
49, 17.501, 311.182

Protanomaly
49, 16.549, 296.154

Deuteranomaly
49, 14.993, 302.187

Tritanomaly
49, 10.395, 315.823

Monochromacy



Original Color
49, 17.501, 311.182

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 6.911, 310.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 17.501, 311.182 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(126, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(126, 111, 139)  
}
```

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(126, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 111, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 17.501, 311.182 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(126, 111, 139) }
```

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

```
.border{ border-color:rgb(126, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(126, 111,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 17.501, 311.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 111, 139) }
```

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

```
.background{ background-color: rgb(126,  
111, 139) }
```

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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