

Converting Colors

CIELCh(49, 11.181, 319.938)

Have a look what the booklet for
CIELCh(49, 11.181, 319.938)
contains.

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Color

CIELCh(49, 11.458, 320.068)

Conversions

Conversions Part 1

Format	Color
Hex	7E7081
RGB	126, 112, 129
RGB Percent	49%, 44%, 51%
CMY	0.5061, 0.5610, 0.4943
CMYK	0.02, 0.13, 0.00, 0.49
HSL	289°, 7%, 47%
HSV	289°, 13%, 51%
XYZ	18.3457, 17.5941, 23.1815
YIQ	118.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

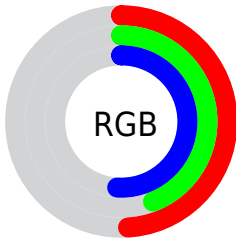
Format	Color
R_{YB}	126, 112, 129
Decimal	8286337
CIE Lab	49.00, 8.79, -7.35
CIE LCh	49, 11.458, 320.068
Yxy	17.5941, 0.3103, 0.2976
Android (android.graphics.Color)	4286476417 (0xFF7E7081)
YUV	118.1240, 5.3619, 6.9073
Hunter-Lab	41.9453, 4.6668, -3.4055

Details

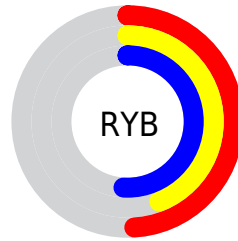
The CIELCh color $49, 11.458, 320.068$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 11.389, 138.911$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 11.397, 320.224$, and $29, 11.738, 319.988$ is the 20% darker color. If you saturate the color by 10%, you get $45, 20.272, 320.511$, and if you desaturate by 10%, it is $53, 2.744, 319.591$.

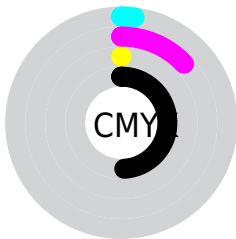
Distribution



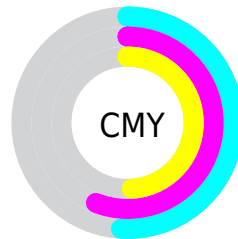
- Red (49%)
- Green (44%)
- Blue (51%)



- Red (49%)
- Yellow (44%)
- Blue (51%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (49%)




- Cyan (51%)
- Magenta (56%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 11.458, 320.068 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, 11.458, 320.068 by changing the saturation by 10% instead.

 49, 11.458,
320.068


 49, 11.458,
320.068


 100, 11.458,
320.068


 39, 11.458,
320.068

 69, 11.458,
320.068


 29, 11.458,
320.068

 79, 11.458,
320.068

 19, 11.458,
320.068

 89, 11.458,
320.068

 9, 11.458, 320.068

 99, 11.458,
320.068

 0, 11.458, 320.068

 49, 11.458,

 49, 11.458,

320.068

45, 20.272,
320.511

42, 29.084,
320.941

38, 37.737,
321.342

35, 46.005,
321.691

32, 53.592,
321.956

30, 60.142,
322.102

28, 65.293,
322.093

27, 68.781,
321.896

320.068

53, 2.744, 319.591

57, 5.800, 139.253

60, 14.139,
138.836

64, 22.252,
138.454

68, 30.134,
138.100

72, 37.785,
137.772

76, 45.213,
137.470

80, 52.424,
137.194

■ 26, 70.741,
321.726

■ 84, 59.431,
136.943

Harmonies

Complementary

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



49, 11.458, 320.068



52, 11.389, 138.911

Rectangle

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



49, 11.458, 320.068



49, 11.458, 10.068



49, 11.458, 140.068



49, 11.458, 190.068

Sweetspot

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



49, 11.456, 320.068



67, 4.293, 319.642



49, 8.229, 282.932



34, 3.038, 319.677



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 11.456, 320.068



62, 17.329, 320.210



49, 9.672, 335.829



25, 4.838, 319.883



25, 70.164, 321.733



0, 0.000, 0.000

Inverse Universe

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



49, 7.228, 6.209



61, 11.000, 6.550



52, 9.609, 154.070



25, 3.029, 5.787



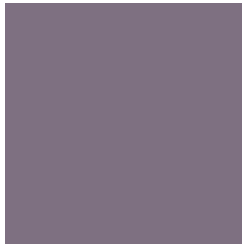
26, 55.526, 29.320



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 11.458, 320.068 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, 11.458, 320.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

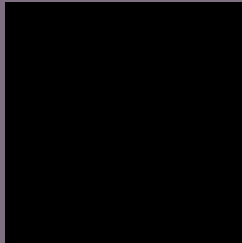
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 11.458, 320.068

Background



This preview shows how black text looks on a background with the CIELCh color 49, 11.458, 320.068.



This preview shows how white text looks on a background with the CIELCh color 49, 11.458, 320.068.

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, 11.458, 320.068

Protanopia

49, 8.829, 286.379

Deuteranopia

49, 10.094, 311.725



Tritanopia
49, 7.183, 332.905

Trichromacy



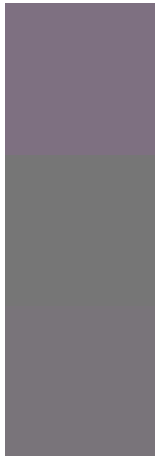
Original Color
49, 11.458, 320.068

Protanomaly
49, 8.913, 298.794

Deuteranomaly
49, 10.238, 313.800

Tritanomaly
49, 8.552, 324.924

Monochromacy



Original Color
49, 11.458, 320.068

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 4.070, 319.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 11.458, 320.068 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, 112, 129)` looks like.

```
.text, #text, p{  
    color:rgb(126, 112, 129)  
}
```

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, 112, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 112, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 11.458, 320.068 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, 112, 129) }
```

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

```
.border{ border-color:rgb(126, 112, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 112, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 112, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 112, 129);  
box-shadow:4px 4px 4px 4px rgb(126, 112,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 11.458, 320.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 112, 129) }
```

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

```
.background{ background-color: rgb(126,  
112, 129) }
```

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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