

Converting Colors

CIELCh(49, 49.882, 326.006)

Have a look what the booklet for
CIELCh(49, 49.882, 326.006)
contains.

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Color

CIELCh(49, 49.918, 326.017)

Conversions

Conversions Part 1

Format	Color
Hex	A259A4
RGB	162, 89, 164
RGB Percent	64%, 35%, 64%
CMY	0.3635, 0.6499, 0.3557
CMYK	0.01, 0.46, 0.00, 0.36
HSL	298°, 30%, 50%
HSV	298°, 46%, 64%
XYZ	25.2833, 17.5941, 37.3232
YIQ	119.3770, 19.4330, 38.8010

Conversions

Conversions Part 2

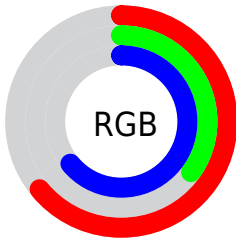
Format	Color
R_{YB}	162, 89, 164
Decimal	10639780
CIE _{Lab}	49.00, 41.39, -27.90
CIE _{LCh}	49, 49.918, 326.017
Yxy	17.5941, 0.3153, 0.2194
Android (android.graphics.Color)	4288829860 (0xFFA259A4)
YUV	119.3770, 21.9991, 37.3804
Hunter-Lab	41.9453, 34.1898, -23.3950

Details

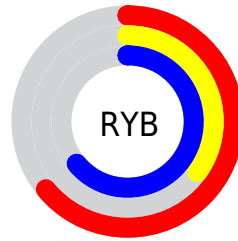
The CIELCh color $49, 49.918, 326.017$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 49.975, 140.353$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 49.910, 325.987$, and $29, 49.684, 325.792$ is the 20% darker color. If you saturate the color by 10%, you get $46, 59.574, 326.426$, and if you desaturate by 10%, it is $53, 39.435, 325.555$.

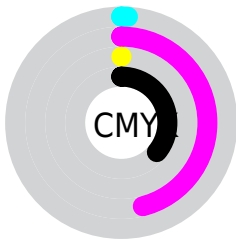
Distribution



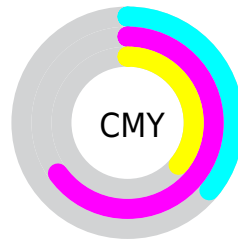
- Red (64%)
- Green (35%)
- Blue (64%)



- Red (64%)
- Yellow (35%)
- Blue (64%)



- Cyan (1%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)




- Cyan (36%)
- Magenta (65%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 49.918, 326.017 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, 49.918, 326.017 by changing the saturation by 10% instead.


 49, 49.918,
326.017

 49, 49.918,
326.017


 100, 49.918,
326.017

 39, 49.918,
326.017

 69, 49.918,
326.017


 29, 49.918,
326.017

 79, 49.918,
326.017

 19, 49.918,
326.017

 89, 49.918,
326.017

 9, 49.918, 326.017

 99, 49.918,
326.017

 0, 49.918, 326.017

 49, 49.918,

 49, 49.918,

326.017

46, 59.574,
326.426

43, 67.993,
326.761

41, 74.762,
327.007

39, 79.567,
327.151

38, 82.344,
327.191

38, 83.267,
327.195

326.017

53, 39.435,
325.555

57, 28.489,
325.056

61, 17.356,
324.536


65, 6.238, 323.993

69, 4.729, 143.559

74, 15.458,
143.025

78, 25.901,
142.537

83, 36.034,
142.076

 88, 45.848,
141.642

Harmonies

Complementary

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



49, 49.918, 326.017



61, 49.975, 140.353

Rectangle

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



49, 49.918, 326.017



49, 49.918, 16.017



49, 49.918, 146.017



49, 49.918, 196.017

Sweetspot

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



49, 49.916, 326.017



78, 19.246, 324.462



42, 43.746, 295.231



40, 13.275, 324.570



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



49, 49.916, 326.017



59, 72.984, 326.439



48, 37.005, 346.312



32, 6.216, 324.194



33, 76.112, 327.205



1, 9.595, 323.495

Inverse Universe

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



47, 33.367, 22.200



56, 51.181, 24.383



62, 35.493, 157.403



32, 3.629, 17.750



30, 67.134, 38.204



1, 5.470, 17.401

Previews

White Background



This preview shows how the CIELCh color 49, 49.918, 326.017 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, 49.918, 326.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

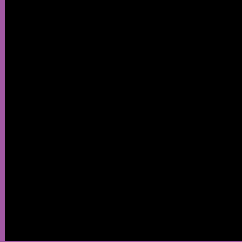
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 49.918, 326.017

Background



This preview shows how black text looks on a background with the CIELCh color 49, 49.918, 326.017.

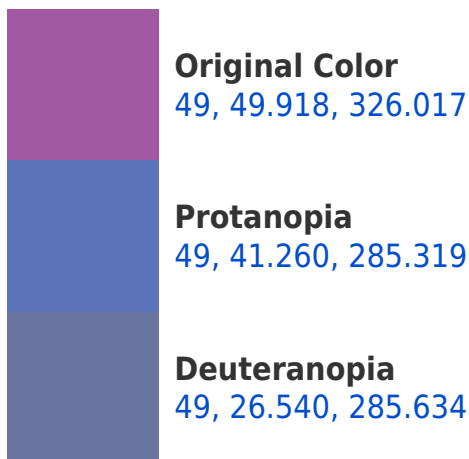


This preview shows how white text looks on a background with the CIELCh color 49, 49.918, 326.017.

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





Tritanopia
49, 22.890, 10.834

Trichromacy



Original Color
49, 49.918, 326.017

Protanomaly
49, 41.986, 299.692

Deuteranomaly
49, 33.745, 305.458

Tritanomaly
49, 30.606, 345.019

Monochromacy



Original Color
49, 49.918, 326.017

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 18.822, 324.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 49.918, 326.017 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(162, 89, 164)` looks like.

```
.text, #text, p{  
    color:rgb(162, 89, 164)  
}
```

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(162, 89, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 89, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 49.918, 326.017 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(162, 89, 164) }
```

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

```
.border{ border-color:rgb(162, 89, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 89, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 89, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 89, 164);  
box-shadow:4px 4px 4px 4px rgb(162, 89,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 49.918, 326.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 89, 164) }
```

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

```
.background{ background-color: rgb(162, 89,  
164) }
```

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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