

Converting Colors

CIELCh(49, 29.878, 325.557)

Have a look what the booklet for
CIELCh(49, 29.878, 325.557)
contains.

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Color

CIELCh(49, 29.925, 326.002)

Conversions

Conversions Part 1

Format	Color
Hex	916691
RGB	145, 102, 145
RGB Percent	57%, 40%, 57%
CMY	0.4310, 0.5997, 0.4310
CMYK	0.00, 0.30, 0.00, 0.43
HSL	300°, 17%, 48%
HSV	300°, 30%, 57%
XYZ	21.5700, 17.5941, 29.0829
YIQ	119.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

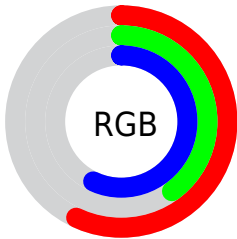
Format	Color
RYB	145, 102, 145
Decimal	9528977
CIELab	49.00, 24.81, -16.73
CIElCh	49, 29.925, 326.002
Yxy	17.5941, 0.3161, 0.2578
Android (android.graphics.Color)	4287719057 (0xFF916691)
YUV	119.7590, 12.4438, 22.1364
Hunter-Lab	41.9453, 18.3880, -11.7472

Details

The CIELCh color $49, 29.925, 326.002$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 29.924, 142.450$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 29.573, 325.663$, and $29, 29.823, 326.548$ is the 20% darker color. If you saturate the color by 10%, you get $46, 39.727, 326.502$, and if you desaturate by 10%, it is $53, 19.845, 325.477$.

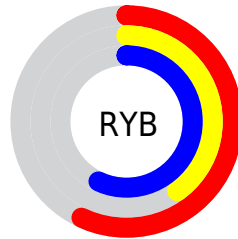
Distribution



Red (57%)

Green (40%)

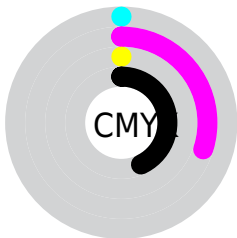
Blue (57%)



Red (57%)

Yellow (40%)

Blue (57%)

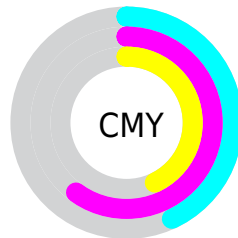


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (43%)



Cyan (43%)


Magenta (60%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 29.925, 326.002 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, 29.925, 326.002 by changing the saturation by 10% instead.

 49, 29.925,
326.002


 49, 29.925,
326.002


 100, 29.925,
326.002


 39, 29.925,
326.002

 69, 29.925,
326.002


 29, 29.925,
326.002

 79, 29.925,
326.002

 19, 29.925,
326.002

 89, 29.925,
326.002

 9, 29.925, 326.002

 99, 29.925,
326.002

 0, 29.925, 326.002

 49, 29.925,

 49, 29.925,

326.002

46, 39.727,
326.502

43, 48.976,
326.963

40, 57.329,
327.369

38, 64.414,
327.705

36, 69.899,
327.960

35, 73.577,
328.128

34, 75.841,
328.230

34, 75.920,
328.234

326.002

53, 19.845,
325.477

56, 9.703, 324.935

60, 0.353, 145.001

64, 10.226,
143.924

68, 19.856,
143.409

73, 29.210,
142.922

77, 38.275,
142.461

81, 47.050,
142.026

■ 85, 55.542,
141.619

Harmonies

Complementary

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



49, 29.925, 326.002



56, 29.924, 142.450

Rectangle

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



49, 29.925, 326.002



49, 29.925, 16.002



49, 29.925, 146.002



49, 29.925, 196.002

Sweetspot

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



49, 29.923, 326.002



72, 11.222, 324.909



45, 25.719, 293.689



37, 7.779, 324.982



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



49, 29.923, 326.002



60, 44.835, 326.361



48, 21.382, 346.311



28, 5.608, 324.908



32, 72.102, 328.234



1, 3.767, 324.440

Inverse Universe

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



49, 29.923, 326.002



60, 44.835, 326.361



57, 20.634, 160.995



28, 5.608, 324.908



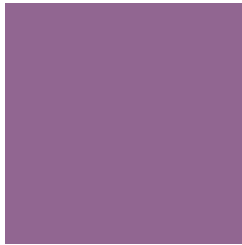
32, 72.102, 328.234



1, 3.767, 324.440

Previews

White Background



This preview shows how the CIELCh color 49, 29.925, 326.002 looks on a white background.

Color Contrast Check

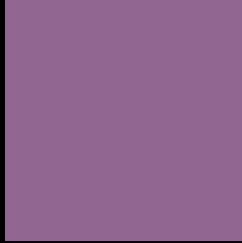
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.925, 326.002 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, 29.925, 326.002

Background



This preview shows how black text looks on a background with the CIELCh color 49, 29.925, 326.002.



This preview shows how white text looks on a background with the CIELCh color 49, 29.925, 326.002.

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, 29.925, 326.002

Protanopia

49, 23.592, 285.719

Deuteranopia

49, 17.068, 293.616



Tritanopia
49, 14.444, 2.444

Trichromacy



Original Color
49, 29.925, 326.002

Protanomaly
49, 24.496, 301.642

Deuteranomaly
49, 20.963, 309.160

Tritanomaly
49, 18.916, 341.425

Monochromacy



Original Color
49, 29.925, 326.002

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 11.355, 325.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 29.925, 326.002 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(145, 102, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 102, 145)  
}
```

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(145, 102, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 102, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 29.925, 326.002 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(145, 102, 145) }
```

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

```
.border{ border-color:rgb(145, 102, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 102, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 102, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 102, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 102,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 29.925, 326.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 102, 145) }
```

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

```
.background{ background-color: rgb(145,  
102, 145) }
```

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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