

Converting Colors

CIELCh(49, 30.604, 326.037)

Have a look what the booklet for
CIELCh(49, 30.604, 326.037)
contains.

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Color

CIELCh(49, 30.576, 326.028)

Conversions

Conversions Part 1

Format	Color
Hex	926692
RGB	146, 102, 146
RGB Percent	57%, 40%, 57%
CMY	0.4287, 0.6011, 0.4287
CMYK	0.00, 0.30, 0.00, 0.43
HSL	300°, 18%, 49%
HSV	300°, 30%, 57%
XYZ	21.6864, 17.5941, 29.3223
YIQ	120.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

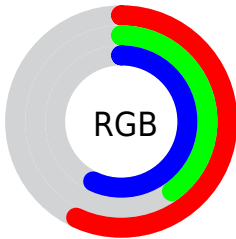
Format	Color
R_{YB}	146, 102, 146
Decimal	9594514
CIE _{Lab}	49.00, 25.36, -17.09
CIE _{LCh}	49, 30.576, 326.028
Yxy	17.5941, 0.3161, 0.2565
Android (android.graphics.Color)	4287784594 (0xFF926692)
YUV	120.1720, 12.7332, 22.6512
Hunter-Lab	41.9453, 18.8832, -12.0857

Details

The CIELCh color $49, 30.576, 326.028$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 30.577, 142.400$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 30.391, 326.290$, and $29, 30.488, 326.578$ is the 20% darker color. If you saturate the color by 10%, you get $46, 40.389, 326.526$, and if you desaturate by 10%, it is $53, 20.470, 325.504$.

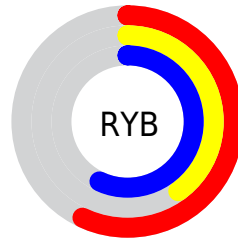
Distribution



Red (57%)

Green (40%)

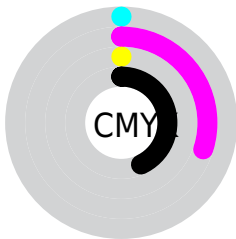
Blue (57%)



Red (57%)

Yellow (40%)

Blue (57%)

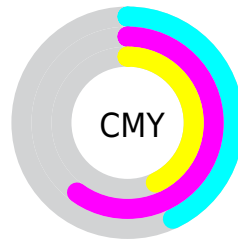


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (43%)



Cyan (43%)


Magenta (60%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 30.576, 326.028 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, 30.576, 326.028 by changing the saturation by 10% instead.


 49, 30.576,
326.028


 49, 30.576,
326.028


 100, 30.576,
326.028


 39, 30.576,
326.028

 69, 30.576,
326.028


 29, 30.576,
326.028

 79, 30.576,
326.028

 19, 30.576,
326.028

 89, 30.576,
326.028

 9, 30.576, 326.028

 99, 30.576,
326.028

 0, 30.576, 326.028

 49, 30.576,

 49, 30.576,

326.028

46, 40.389,
326.526

43, 49.628,
326.985

40, 57.947,
327.387

38, 64.973,
327.719

36, 70.376,
327.969

35, 73.960,
328.132

34, 76.153,
328.230

326.028

53, 20.470,
325.504

56, 10.293,
324.962

60, 0.195, 323.405


64, 9.723, 143.950

68, 19.400,
143.434

73, 28.801,
142.945

77, 37.913,
142.483

81, 46.733,
142.046

 85, 55.269,
141.637

Harmonies

Complementary

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



49, 30.576, 326.028



56, 30.577, 142.400

Rectangle

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



49, 30.576, 326.028



49, 30.576, 16.028



49, 30.576, 146.028



49, 30.576, 196.028

Sweetspot

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



49, 30.574, 326.028



72, 11.222, 324.907



45, 25.847, 293.142



37, 7.779, 324.980



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, 30.574, 326.028



60, 44.835, 326.358



48, 22.078, 345.431



29, 5.775, 324.908



32, 73.088, 328.230



1, 5.023, 324.437

Inverse Universe

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



48, 19.100, 21.827



58, 28.784, 22.660



57, 21.357, 160.078



29, 3.343, 19.887



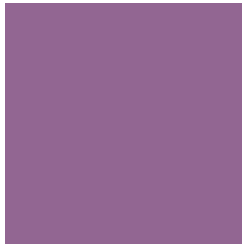
28, 65.124, 38.926



1, 2.828, 19.400

Previews

White Background



This preview shows how the CIELCh color 49, 30.576, 326.028 looks on a white background.

Color Contrast Check

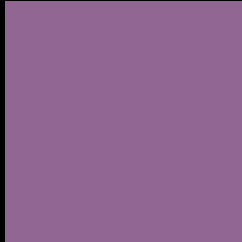
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.576, 326.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

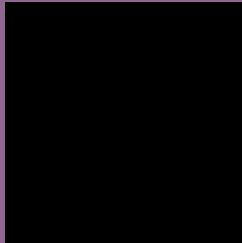
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 30.576, 326.028

Background



This preview shows how black text looks on a background with the CIELCh color 49, 30.576, 326.028.



This preview shows how white text looks on a background with the CIELCh color 49, 30.576, 326.028.

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, 30.576, 326.028

Protanopia

49, 24.204, 285.223

Deuteranopia

49, 17.068, 293.616



Tritanopia
49, 14.844, 3.037

Trichromacy



Original Color
49, 30.576, 326.028

Protanomaly
49, 25.074, 301.486

Deuteranomaly
49, 20.963, 309.160

Tritanomaly
49, 19.220, 342.276

Monochromacy



Original Color
49, 30.576, 326.028

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, 30.576, 326.028 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(146, 102, 146)` looks like.

```
.text, #text, p{  
    color:rgb(146, 102, 146)  
}
```

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(146, 102, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 102, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 30.576, 326.028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

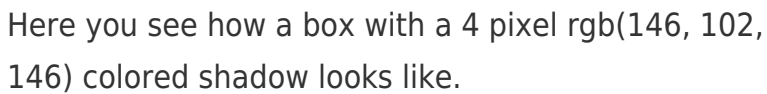
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 102, 146) }
```

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

```
.border{ border-color:rgb(146, 102, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 102, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 102, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 102, 146); box-shadow:4px 4px 4px 4px rgb(146, 102, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 30.576, 326.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 102, 146) }
```

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

```
.background{ background-color: rgb(146,  
102, 146) }
```

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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