

Converting Colors

CIELCh(49, 28.943, 325.642)

Have a look what the booklet for
CIELCh(49, 28.943, 325.642)
contains.

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Color

CIELCh(49, 28.580, 325.940)

Conversions

Conversions Part 1

Format	Color
Hex	906790
RGB	144, 103, 144
RGB Percent	56%, 40%, 56%
CMY	0.4359, 0.5967, 0.4359
CMYK	0.00, 0.28, 0.00, 0.44
HSL	300°, 17%, 48%
HSV	300°, 28%, 56%
XYZ	21.3307, 17.5941, 28.5936
YIQ	119.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

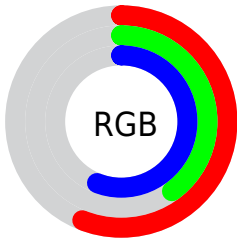
Format	Color
RYB	144, 103, 144
Decimal	9463696
CIELab	49.00, 23.68, -16.01
CIELCh	49, 28.580, 325.940
Yxy	17.5941, 0.3159, 0.2606
Android (android.graphics.Color)	4287653776 (0xFF906790)
YUV	119.9330, 11.8650, 21.1068
Hunter-Lab	41.9453, 17.3693, -11.0556

Details

The CIELCh color $49, 28.580, 325.940$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 28.576, 142.545$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 28.285, 325.614$, and $29, 28.937, 325.750$ is the 20% darker color. If you saturate the color by 10%, you get $46, 38.358, 326.443$, and if you desaturate by 10%, it is $53, 18.554, 325.413$.

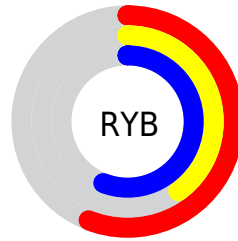
Distribution



Red (56%)

Green (40%)

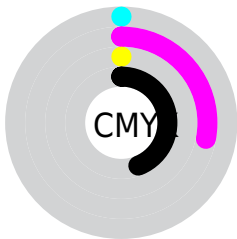
Blue (56%)



Red (56%)

Yellow (40%)

Blue (56%)

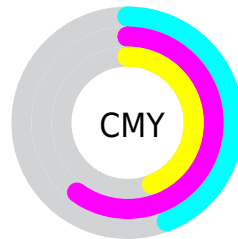


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (60%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 28.580, 325.940 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, 28.580, 325.940 by changing the saturation by 10% instead.


 49, 28.580,
325.940


 49, 28.580,
325.940


 100, 28.580,
325.940


 39, 28.580,
325.940

 69, 28.580,
325.940


 29, 28.580,
325.940

 79, 28.580,
325.940

 19, 28.580,
325.940

 89, 28.580,
325.940

 9, 28.580, 325.940

 99, 28.580,
325.940

 0, 28.580, 325.940

 49, 28.580,

 49, 28.580,

325.940

46, 38.358,
326.443

43, 47.624,
326.909

40, 56.042,
327.322

38, 63.247,
327.667

36, 68.898,
327.931

35, 72.772,
328.110

34, 75.115,
328.216

34, 75.445,
328.231

325.940

53, 18.554,
325.413

56, 8.487, 324.869

60, 1.482, 144.499

64, 11.260,
143.862

68, 20.792,
143.351

72, 30.049,
142.868

77, 39.018,
142.410

81, 47.700,
141.978

■ 85, 56.102,
141.574

Harmonies

Complementary

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



49, 28.580, 325.940



56, 28.576, 142.545

Rectangle

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



49, 28.580, 325.940



49, 28.580, 15.940



49, 28.580, 145.940



49, 28.580, 195.940

Sweetspot

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



49, 28.578, 325.940



71, 11.099, 324.907



45, 24.059, 292.885



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, 28.578, 325.940



60, 41.948, 326.256



48, 20.612, 345.253



28, 5.608, 324.906



32, 72.104, 328.231



1, 3.767, 324.438

Inverse Universe

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



48, 17.730, 21.632



58, 26.693, 22.383



56, 19.973, 160.258



28, 3.246, 19.886



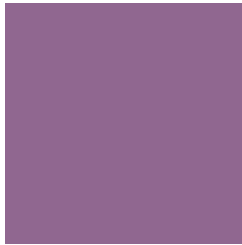
27, 64.130, 38.797



0, 2.121, 19.402

Previews

White Background



This preview shows how the CIELCh color 49, 28.580, 325.940 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, 28.580, 325.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

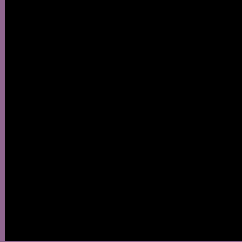
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 28.580, 325.940

Background



This preview shows how black text looks on a background with the CIELCh color 49, 28.580, 325.940.



This preview shows how white text looks on a background with the CIELCh color 49, 28.580, 325.940.

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, 28.580, 325.940

Protanopia

49, 22.404, 285.979

Deuteranopia

49, 16.499, 294.865



Tritanopia
49, 14.045, 1.821

Trichromacy



Original Color
49, 28.580, 325.940

Protanomaly
49, 23.255, 301.089

Deuteranomaly
49, 20.407, 309.614

Tritanomaly
49, 18.266, 341.979

Monochromacy



Original Color
49, 28.580, 325.940

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 10.642, 325.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 28.580, 325.940 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(144, 103, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 103, 144)  
}
```

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(144, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 103, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 28.580, 325.940 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(144, 103, 144) }
```

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

```
.border{ border-color:rgb(144, 103, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 103, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 103,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 28.580, 325.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 103, 144) }
```

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

```
.background{ background-color: rgb(144,  
103, 144) }
```

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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