

Converting Colors

CIELCh(49, 29.195, 321.771)

Have a look what the booklet for
CIELCh(49, 29.195, 321.771)
contains.

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Color

CIELCh(49, 28.792, 321.907)

Conversions

Conversions Part 1

Format	Color
Hex	8D6893
RGB	141, 104, 147
RGB Percent	55%, 41%, 58%
CMY	0.4480, 0.5931, 0.4245
CMYK	0.04, 0.29, 0.00, 0.42
HSL	292°, 17%, 49%
HSV	292°, 29%, 58%
XYZ	21.1171, 17.5941, 29.7861
YIQ	119.9650, 8.2490, 21.2170

Conversions

Conversions Part 2

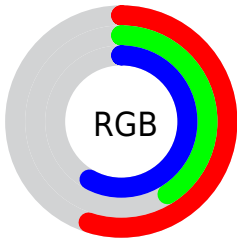
Format	Color
R _Y B	141, 104, 147
Decimal	9267347
CIE Lab	49.00, 22.66, -17.76
CIE LCh	49, 28.792, 321.907
Yxy	17.5941, 0.3083, 0.2569
Android (android.graphics.Color)	4287457427 (0xFF8D6893)
YUV	119.9650, 13.3283, 18.4477
Hunter-Lab	41.9453, 16.4604, -12.7413

Details

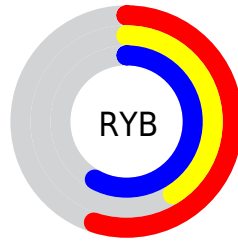
The CIELCh color $49, 28.792, 321.907$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 28.546, 138.978$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 28.446, 321.806$, and $29, 28.766, 322.041$ is the 20% darker color. If you saturate the color by 10%, you get $45, 38.533, 322.336$, and if you desaturate by 10%, it is $53, 18.906, 321.453$.

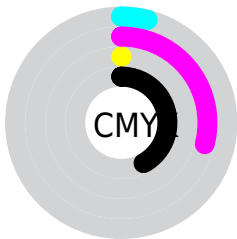
Distribution



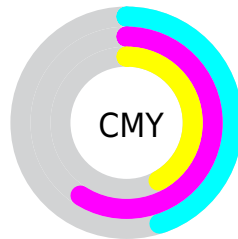
- Red (55%)
- Green (41%)
- Blue (58%)



- Red (55%)
- Yellow (41%)
- Blue (58%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (42%)



- Cyan (45%)
- Magenta (59%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 28.792, 321.907 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, 28.792, 321.907 by changing the saturation by 10% instead.

 49, 28.792,
321.907


 49, 28.792,
321.907


 100, 28.792,
321.907


 39, 28.792,
321.907

 69, 28.792,
321.907


 29, 28.792,
321.907

 79, 28.792,
321.907

 19, 28.792,
321.907

 89, 28.792,
321.907

 9, 28.792, 321.907

 99, 28.792,
321.907

 0, 28.792, 321.907

 49, 28.792,

 49, 28.792,

321.907

45, 38.533,
322.336

42, 47.893,
322.719

39, 56.553,
323.031

36, 64.125,
323.239

34, 70.205,
323.312

32, 74.468,
323.219

31, 77.187,
322.987

31, 77.375,
322.971

321.907

53, 18.906,
321.453

57, 9.047, 320.987

61, 0.677, 140.819

65, 10.197,
140.138

70, 19.475,
139.714

74, 28.492,
139.319

78, 37.244,
138.952

82, 45.733,
138.612

■ 87, 53.968,
138.298

Harmonies

Complementary

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



49, 28.792, 321.907



57, 28.546, 138.978

Rectangle

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



49, 28.792, 321.907



49, 28.792, 11.907



49, 28.792, 141.907



49, 28.792, 191.907

Sweetspot

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



49, 28.790, 321.907



73, 10.876, 320.982



47, 21.668, 287.087



38, 7.625, 321.045



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



49, 28.790, 321.907



60, 42.663, 322.187



49, 23.493, 338.562



29, 5.535, 320.983



29, 73.862, 323.000



1, 4.807, 320.583

Inverse Universe

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



48, 18.503, 10.978



59, 27.873, 11.912



57, 23.148, 154.018



29, 3.395, 8.680



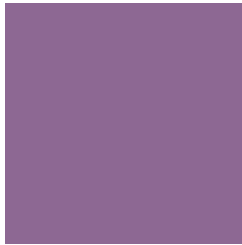
28, 60.358, 32.303



1, 2.893, 7.960

Previews

White Background



This preview shows how the CIELCh color 49, 28.792, 321.907 looks on a white background.

Color Contrast Check

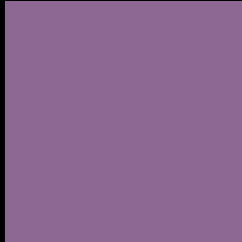
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.792, 321.907 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, 28.792, 321.907

Background



This preview shows how black text looks on a background with the CIELCh color 49, 28.792, 321.907.



This preview shows how white text looks on a background with the CIELCh color 49, 28.792, 321.907.

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, 28.792, 321.907

Protanopia

49, 23.592, 285.719

Deuteranopia

49, 18.230, 292.539



Tritanopia
49, 12.649, 356.472

Trichromacy



Original Color
49, 28.792, 321.907

Protanomaly
49, 24.367, 299.955

Deuteranomaly
49, 21.901, 306.435

Tritanomaly
49, 17.438, 336.776

Monochromacy



Original Color
49, 28.792, 321.907

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 10.922, 321.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 28.792, 321.907 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(141, 104, 147)` looks like.

```
.text, #text, p{  
    color:rgb(141, 104, 147)  
}
```

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(141, 104, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 104, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 28.792, 321.907 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(141, 104, 147) }
```

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

```
.border{ border-color:rgb(141, 104, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 104, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 104, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 104, 147);  
box-shadow:4px 4px 4px 4px rgb(141, 104,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 28.792, 321.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 104, 147) }
```

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

```
.background{ background-color: rgb(141,  
104, 147) }
```

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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