

Converting Colors

CIELCh(49, 18.896, 325.271)

Have a look what the booklet for
CIELCh(49, 18.896, 325.271)
contains.

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Color

CIELCh(49, 19.053, 325.488)

Conversions

Conversions Part 1

Format	Color
Hex	876C87
RGB	135, 108, 135
RGB Percent	53%, 42%, 53%
CMY	0.4710, 0.5768, 0.4710
CMYK	0.00, 0.20, 0.00, 0.47
HSL	300°, 11%, 48%
HSV	300°, 20%, 53%
XYZ	19.6943, 17.5941, 25.2432
YIQ	119.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

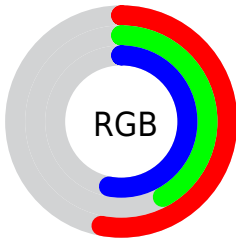
Format	Color
R_{YB}	135, 108, 135
Decimal	8875143
CIE _{Lab}	49.00, 15.70, -10.80
CIE _{LCh}	49, 19.053, 325.488
Yxy	17.5941, 0.3150, 0.2814
Android (android.graphics.Color)	4287065223 (0xFF876C87)
YUV	119.1510, 7.8136, 13.8996
Hunter-Lab	41.9453, 10.4058, -6.3197

Details

The CIELCh color `49, 19.053, 325.488` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `54, 19.037, 143.214`, and the grayscale version is `50, 0.007, 296.813`.

A 20% lighter version of the original color is `69, 18.568, 325.237`, and `29, 19.139, 325.900` is the 20% darker color. If you saturate the color by 10%, you get `46, 28.544, 326.009`, and if you desaturate by 10%, it is `53, 9.495, 324.950`.

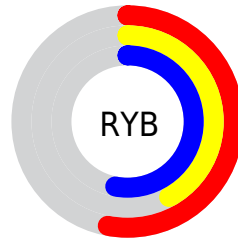
Distribution



Red (53%)

Green (42%)

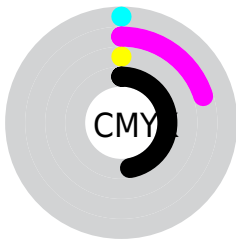
Blue (53%)



Red (53%)

Yellow (42%)

Blue (53%)

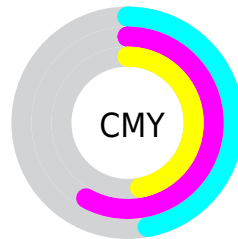


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 19.053, 325.488 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, 19.053, 325.488 by changing the saturation by 10% instead.

 49, 19.053,
325.488

 49, 19.053,
325.488

 100, 19.053,
325.488

 39, 19.053,
325.488

 69, 19.053,
325.488

 29, 19.053,
325.488

 79, 19.053,
325.488

 19, 19.053,
325.488

 89, 19.053,
325.488

 9, 19.053, 325.488

 99, 19.053,
325.488

 0, 19.053, 325.488

 49, 19.053,

 49, 19.053,

325.488

325.488

46, 28.544,
326.009

53, 9.495, 324.950

42, 37.776,
326.506

56, 0.017, 312.680

60, 9.294, 143.945

40, 46.486,
326.963

64, 18.378,
143.433

37, 54.355,
327.366

68, 27.206,
142.948

35, 61.039,
327.700

72, 35.764,
142.488

33, 66.227,
327.954

76, 44.050,
142.054

32, 69.726,
328.123

80, 52.070,
141.647

32, 72.008,
328.232

83, 59.834,

Harmonies

Complementary

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



49, 19.053, 325.488



54, 19.037, 143.214

Rectangle

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



49, 19.053, 325.488



49, 19.053, 15.488



49, 19.053, 145.488



49, 19.053, 195.488

Sweetspot

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



49, 19.051, 325.488



69, 7.055, 324.732



47, 15.756, 291.702



36, 4.718, 324.763



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



49, 19.051, 325.488



61, 28.393, 325.727



49, 13.661, 344.411



26, 5.272, 324.900



30, 70.125, 328.232



0, 1.256, 324.438

Inverse Universe

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



48, 11.440, 20.766



60, 17.337, 21.197



54, 13.359, 161.108



26, 3.050, 19.878



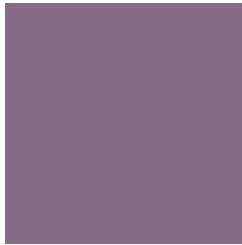
26, 62.118, 38.507



0, 0.707, 19.403

Previews

White Background



This preview shows how the CIELCh color 49, 19.053, 325.488 looks on a white background.

Color Contrast Check

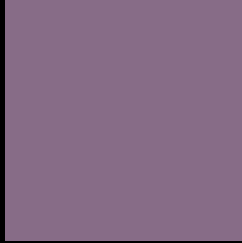
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.053, 325.488 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, 19.053, 325.488

Background



This preview shows how black text looks on a background with the CIELCh color 49, 19.053, 325.488.



This preview shows how white text looks on a background with the CIELCh color 49, 19.053, 325.488.

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, 19.053, 325.488

Protanopia

49, 14.166, 284.576

Deuteranopia

49, 12.020, 302.684



Tritanopia
49, 10.144, 353.215

Trichromacy



Original Color
49, 19.053, 325.488

Protanomaly
49, 14.993, 302.187

Deuteranomaly
49, 13.937, 312.852

Tritanomaly
49, 13.060, 338.776

Monochromacy



Original Color
49, 19.053, 325.488

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 7.121, 324.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 19.053, 325.488 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(135, 108, 135)` looks like.

```
.text, #text, p{  
    color:rgb(135, 108, 135)  
}
```

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(135, 108, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 108, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 19.053, 325.488 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(135, 108, 135) }
```

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

```
.border{ border-color:rgb(135, 108, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 108, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 108, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 108, 135);  
box-shadow:4px 4px 4px 4px rgb(135, 108,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 19.053, 325.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 108, 135) }
```

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

```
.background{ background-color: rgb(135,  
108, 135) }
```

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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