

Converting Colors

CIELCh(49, 19.848, 322.606)

Have a look what the booklet for
CIELCh(49, 19.848, 322.606)
contains.

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Color

CIELCh(49, 19.821, 322.599)

Conversions

Conversions Part 1

Format	Color
Hex	866C89
RGB	134, 108, 137
RGB Percent	53%, 42%, 54%
CMY	0.4746, 0.5765, 0.4628
CMYK	0.02, 0.21, 0.00, 0.46
HSL	294°, 12%, 48%
HSV	294°, 21%, 54%
XYZ	19.7035, 17.5941, 26.0178
YIQ	119.0800, 6.1870, 14.5310

Conversions

Conversions Part 2

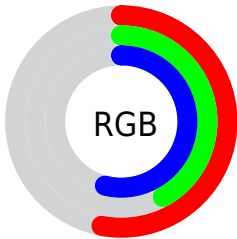
Format	Color
R_{YB}	134, 108, 137
Decimal	8809609
CIE _{Lab}	49.00, 15.75, -12.04
CIE _{LCh}	49, 19.821, 322.599
Yxy	17.5941, 0.3112, 0.2779
Android (android.graphics.Color)	4286999689 (0xFF866C89)
YUV	119.0800, 8.8346, 13.0848
Hunter-Lab	41.9453, 10.4450, -7.4146

Details

The CIELCh color $49, 19.821, 322.599$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 19.723, 140.479$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 19.285, 322.464$, and $29, 19.987, 322.757$ is the 20% darker color. If you saturate the color by 10%, you get $45, 29.215, 323.061$, and if you desaturate by 10%, it is $53, 10.402, 322.122$.

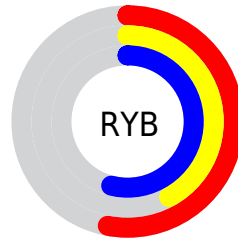
Distribution



Red (53%)

Green (42%)

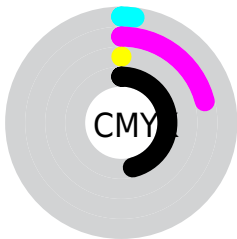
Blue (54%)



Red (53%)

Yellow (42%)

Blue (54%)

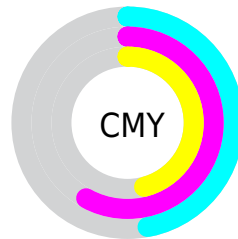


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (46%)



Cyan (47%)


Magenta (58%)

Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 19.821, 322.599 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, 19.821, 322.599 by changing the saturation by 10% instead.


 49, 19.821,
322.599


 49, 19.821,
322.599


 100, 19.821,
322.599


 39, 19.821,
322.599

 69, 19.821,
322.599


 29, 19.821,
322.599

 79, 19.821,
322.599

 19, 19.821,
322.599

 89, 19.821,
322.599

 9, 19.821, 322.599

 99, 19.821,
322.599

 0, 19.821, 322.599

 49, 19.821,

 49, 19.821,

322.599

322.599

45, 29.215,
323.061

53, 10.402,
322.122

42, 38.413,
323.495

57, 1.085, 321.509

61, 8.057, 141.238

39, 47.165,
323.882

65, 16.976,
140.790

36, 55.158,
324.196

69, 25.650,
140.371

34, 62.026,
324.412

73, 34.070,
139.979


32, 67.412,
324.502

77, 42.236,
139.614

30, 71.062,
324.447

81, 50.155,
139.274

29, 73.308,
324.319

 85, 57.836,
138.961

Harmonies

Complementary

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



49, 19.821, 322.599



54, 19.723, 140.479

Rectangle

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



49, 19.821, 322.599



49, 19.821, 12.599



49, 19.821, 142.599



49, 19.821, 192.599

Sweetspot

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



49, 19.819, 322.599



70, 6.913, 321.871



48, 15.163, 287.499



36, 4.569, 321.899



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, 19.819, 322.599



61, 29.087, 322.804



49, 15.655, 339.433



27, 5.271, 322.023



28, 71.599, 324.331



0, 2.431, 321.614

Inverse Universe

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



48, 12.304, 12.756



60, 18.275, 13.267



54, 15.439, 156.224



27, 3.173, 11.531



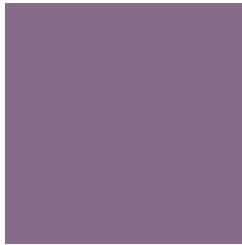
27, 59.948, 34.274



0, 1.433, 10.865

Previews

White Background



This preview shows how the CIELCh color 49, 19.821, 322.599 looks on a white background.

Color Contrast Check

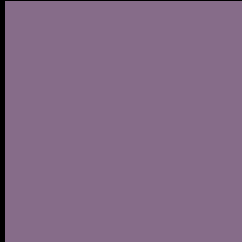
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.821, 322.599 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, 19.821, 322.599

Background



This preview shows how black text looks on a background with the CIELCh color 49, 19.821, 322.599.



This preview shows how white text looks on a background with the CIELCh color 49, 19.821, 322.599.

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, 19.821, 322.599

Protanopia

49, 15.901, 286.997

Deuteranopia

49, 13.110, 300.148



Tritanopia
49, 9.707, 347.727

Trichromacy



Original Color
49, 19.821, 322.599

Protanomaly
49, 16.751, 301.260

Deuteranomaly
49, 14.910, 309.852

Tritanomaly
49, 12.887, 334.273

Monochromacy



Original Color
49, 19.821, 322.599

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 7.408, 319.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 19.821, 322.599 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(134, 108, 137)` looks like.

```
.text, #text, p{  
    color:rgb(134, 108, 137)  
}
```

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(134, 108, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 108, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 19.821, 322.599 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(134, 108, 137) }
```

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

```
.border{ border-color:rgb(134, 108, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 108, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 108, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 108, 137);  
box-shadow:4px 4px 4px 4px rgb(134, 108,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 19.821, 322.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 108, 137) }
```

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

```
.background{ background-color: rgb(134,  
108, 137) }
```

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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