

Converting Colors

CIELCh(49, 19.240, 320.527)

Have a look what the booklet for
CIELCh(49, 19.240, 320.527)
contains.

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Color

CIELCh(49, 18.747, 320.332)

Conversions

Conversions Part 1

Format	Color
Hex	846D89
RGB	132, 109, 137
RGB Percent	52%, 43%, 54%
CMY	0.4830, 0.5732, 0.4634
CMYK	0.04, 0.20, 0.00, 0.46
HSL	289°, 11%, 48%
HSV	289°, 20%, 54%
XYZ	19.4420, 17.5941, 25.9724
YIQ	119.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

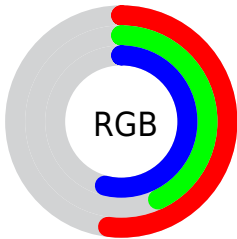
Format	Color
R_{YB}	132, 109, 137
Decimal	8678793
CIE _{Lab}	49.00, 14.43, -11.97
CIE _{LCh}	49, 18.747, 320.332
Yxy	17.5941, 0.3086, 0.2792
Android (android.graphics.Color)	4286868873 (0xFF846D89)
YUV	119.0690, 8.8400, 11.3405
Hunter-Lab	41.9453, 9.3319, -7.3505

Details

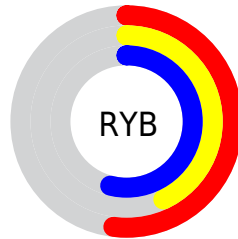
The CIELCh color $49, 18.747, 320.332$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55, 18.590, 138.451$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 18.260, 320.305$, and $29, 18.863, 320.261$ is the 20% darker color. If you saturate the color by 10%, you get $45, 28.007, 320.769$, and if you desaturate by 10%, it is $53, 9.516, 319.884$.

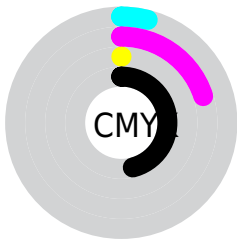
Distribution



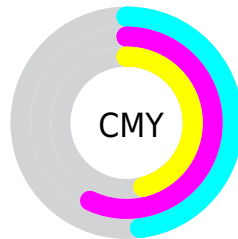
- Red (52%)
- Green (43%)
- Blue (54%)



- Red (52%)
- Yellow (43%)
- Blue (54%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)





- Cyan (48%)
- Magenta (57%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 18.747, 320.332 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, 18.747, 320.332 by changing the saturation by 10% instead.


 49, 18.747,
320.332


 49, 18.747,
320.332


 100, 18.747,
320.332


 39, 18.747,
320.332

 69, 18.747,
320.332


 29, 18.747,
320.332

 79, 18.747,
320.332

 19, 18.747,
320.332


 89, 18.747,
320.332

 9, 18.747, 320.332

 99, 18.747,
320.332

 0, 18.747, 320.332

 49, 18.747,

 49, 18.747,

320.332

45, 28.007,
320.769

42, 37.150,
321.181

38, 45.955,
321.546

35, 54.127,
321.835

33, 61.300,
322.013

30, 67.084,
322.042

29, 71.153,
321.885

27, 73.870,
321.617

320.332

53, 9.516, 319.884

57, 0.418, 319.081

61, 8.489, 139.070

65, 17.171,
138.664

69, 25.613,
138.289

73, 33.810,
137.941

77, 41.766,
137.621

81, 49.488,
137.326

85, 56.986,

Harmonies

Complementary

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



49, 18.747, 320.332



55, 18.590, 138.451

Rectangle

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



49, 18.747, 320.332



49, 18.747, 10.332



49, 18.747, 140.332



49, 18.747, 190.332

Sweetspot

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



49, 18.745, 320.332



70, 6.761, 319.683



48, 13.552, 283.929



36, 4.469, 319.709



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, 18.745, 320.332



61, 28.528, 320.556



49, 15.823, 336.368



27, 5.157, 319.825



27, 72.205, 321.635



0, 2.376, 319.445

Inverse Universe

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



49, 12.010, 6.858



60, 18.465, 7.479



54, 15.681, 153.471



27, 3.233, 5.636



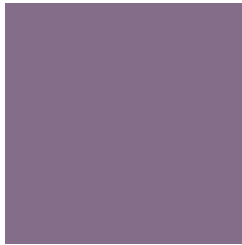
27, 57.157, 29.393



0, 1.466, 4.892

Previews

White Background



This preview shows how the CIELCh color 49, 18.747, 320.332 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, 18.747, 320.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

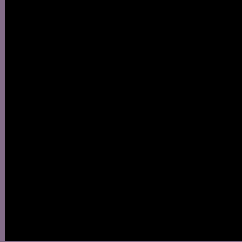
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 18.747, 320.332

Background



This preview shows how black text looks on a background with the CIELCh color 49, 18.747, 320.332.



This preview shows how white text looks on a background with the CIELCh color 49, 18.747, 320.332.

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, 18.747, 320.332

Protanopia

49, 15.319, 286.702

Deuteranopia

49, 13.110, 300.148



Tritanopia
49, 8.361, 346.337

Trichromacy



Original Color
49, 18.747, 320.332

Protanomaly
49, 15.509, 300.473

Deuteranomaly
49, 14.910, 309.852

Tritanomaly
49, 11.650, 331.769

Monochromacy



Original Color
49, 18.747, 320.332

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 6.905, 322.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 18.747, 320.332 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(132, 109, 137)` looks like.

```
.text, #text, p{  
    color:rgb(132, 109, 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(132, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 109, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 18.747, 320.332 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(132, 109, 137) }
```

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

```
.border{ border-color:rgb(132, 109, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 109, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 109, 137); box-shadow:4px 4px 4px 4px rgb(132, 109, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 18.747, 320.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 109, 137) }
```

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

```
.background{ background-color: rgb(132,  
109, 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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