

Converting Colors

CIELCh(48, 19.689, 349.780)

Have a look what the booklet for
CIELCh(48, 19.689, 349.780)
contains.

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Color

CIELCh(48, 19.717, 349.801)

Conversions

Conversions Part 1

Format	Color
Hex	8F6678
RGB	143, 102, 120
RGB Percent	56%, 40%, 47%
CMY	0.4379, 0.5988, 0.5282
CMYK	0.00, 0.29, 0.16, 0.44
HSL	334°, 17%, 48%
HSV	334°, 29%, 56%
XYZ	19.5738, 16.7945, 20.0775
YIQ	116.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

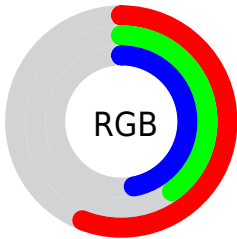
Format	Color
R_{YB}	143, 102, 120
Decimal	9397880
CIE _{Lab}	48.00, 19.41, -3.49
CIE _{LCh}	48, 19.717, 349.801
Yxy	16.7945, 0.3468, 0.2975
Android (android.graphics.Color)	4287587960 (0xFF8F6678)
YUV	116.3110, 1.8187, 23.4063
Hunter-Lab	40.9810, 13.5403, -0.3607

Details

The CIELCh color $48, 19.717, 349.801$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 18.826, 164.447$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 19.767, 349.602$, and $28, 20.206, 348.977$ is the 20% darker color. If you saturate the color by 10%, you get $44, 26.704, 351.030$, and if you desaturate by 10%, it is $52, 12.708, 348.730$.

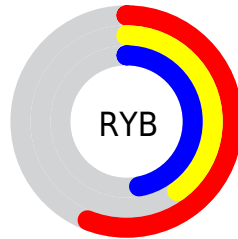
Distribution



Red (56%)

Green (40%)

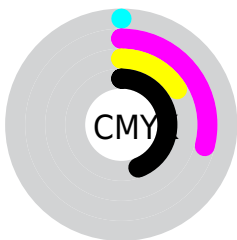
Blue (47%)



Red (56%)

Yellow (40%)

Blue (47%)

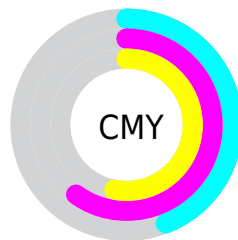


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (44%)



Cyan (44%)


Magenta (60%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 19.717, 349.801 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 48, 19.717, 349.801 by changing the saturation by 10% instead.


 48, 19.717,
349.801


 48, 19.717,
349.801


 100, 19.717,
349.801


 38, 19.717,
349.801


 68, 19.717,
349.801


 28, 19.717,
349.801


 78, 19.717,
349.801

 18, 19.717,
349.801

 88, 19.717,
349.801

 8, 19.717, 349.801

 98, 19.717,
349.801

 0, 19.717, 349.801

 48, 19.717,

 48, 19.717,

349.801

349.801

44, 26.704,
351.030

52, 12.708,
348.730

41, 33.483,
352.466

56, 5.808, 347.757

38, 39.788,
354.188

60, 0.911, 167.339

64, 7.409, 166.253

35, 45.295,
356.299

69, 13.672,
165.535

33, 49.678,
358.938

73, 19.699,
164.887

31, 52.713, 2.266

77, 25.501,
164.292

30, 54.682, 6.251

81, 31.089,
163.743

30, 54.969, 6.798

86, 36.480,

Harmonies

Complementary

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



48, 19.717, 349.801



56, 18.826, 164.447

Rectangle

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



48, 19.717, 349.801



48, 19.717, 39.801



48, 19.717, 169.801



48, 19.717, 219.801

Sweetspot

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



48, 19.715, 349.803



71, 7.512, 347.812



47, 25.810, 312.066



37, 5.271, 347.938



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



48, 19.715, 349.803



59, 29.080, 350.529



48, 16.961, 25.486



28, 3.796, 347.811



28, 52.672, 6.512



1, 2.532, 347.077

Inverse Universe

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



48, 19.715, 349.803



59, 29.080, 350.529



56, 13.982, 202.953



28, 3.796, 347.811



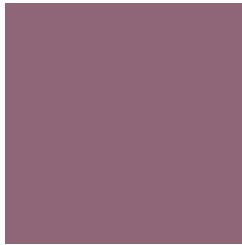
28, 52.672, 6.512



1, 2.532, 347.077

Previews

White Background



This preview shows how the CIELCh color 48, 19.717, 349.801 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 48, 19.717, 349.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 19.717, 349.801

Background



This preview shows how black text looks on a background with the CIELCh color 48, 19.717, 349.801.



This preview shows how white text looks on a background with the CIELCh color 48, 19.717, 349.801.

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


48, 19.717, 349.801

Protanopia

48, 8.264, 288.615

Deuteranopia

48, 6.788, 336.288



Tritanopia
48, 16.569, 5.237

Trichromacy



Original Color
48, 19.717, 349.801

Protanomaly
48, 11.002, 321.570

Deuteranomaly
48, 11.057, 345.033

Tritanomaly
48, 17.590, 358.280

Monochromacy



Original Color
48, 19.717, 349.801

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 7.069, 350.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 19.717, 349.801 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(143, 102, 120)` looks like.

```
.text, #text, p{  
    color:rgb(143, 102, 120)  
}
```

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(143, 102, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 102, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 19.717, 349.801 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(143, 102, 120) }
```

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

```
.border{ border-color:rgb(143, 102, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 102, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 102, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 102, 120);  
box-shadow:4px 4px 4px 4px rgb(143, 102,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 19.717, 349.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 102, 120) }
```

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

```
.background{ background-color: rgb(143,  
102, 120) }
```

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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