

Converting Colors

CIELCh(49, 19.542, 342.881)

Have a look what the booklet for
CIELCh(49, 19.542, 342.881)
contains.

CIELCh(49, 19.893, 341.759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(49, 19.893, 341.759)

Conversions

Conversions Part 1

Format	Color
Hex	8F697F
RGB	143, 105, 127
RGB Percent	56%, 41%, 50%
CMY	0.4377, 0.5868, 0.5005
CMYK	0.00, 0.27, 0.11, 0.44
HSL	325°, 15%, 49%
HSV	325°, 27%, 56%
XYZ	20.3389, 17.5941, 22.5309
YIQ	118.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

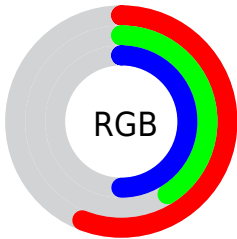
Format	Color
R_{YB}	143, 105, 127
Decimal	9398655
CIE _{Lab}	49.00, 18.89, -6.23
CIE _{LCh}	49, 19.893, 341.759
Yxy	17.5941, 0.3364, 0.2910
Android (android.graphics.Color)	4287588735 (0xFF8F697F)
YUV	118.8700, 4.0081, 21.1620
Hunter-Lab	41.9453, 13.1491, -2.4859

Details

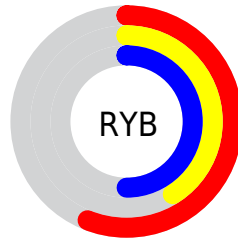
The CIELCh color $49, 19.893, 341.759$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 19.476, 157.432$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 19.633, 341.444$, and $29, 20.090, 341.604$ is the 20% darker color. If you saturate the color by 10%, you get $45, 27.396, 342.722$, and if you desaturate by 10%, it is $53, 12.320, 340.886$.

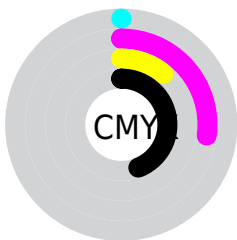
Distribution



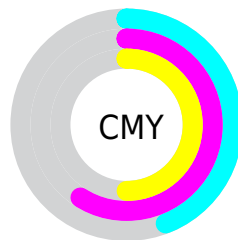
- Red (56%)
- Green (41%)
- Blue (50%)



- Red (56%)
- Yellow (41%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (11%)
- Black (44%)




- Cyan (44%)
- Magenta (59%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 19.893, 341.759 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, 19.893, 341.759 by changing the saturation by 10% instead.


 49, 19.893,
341.759


 49, 19.893,
341.759


 100, 19.893,
341.759


 39, 19.893,
341.759

 69, 19.893,
341.759


 29, 19.893,
341.759

 79, 19.893,
341.759

 19, 19.893,
341.759

 89, 19.893,
341.759

 9, 19.893, 341.759

 99, 19.893,
341.759

 0, 19.893, 341.759

 49, 19.893,

 49, 19.893,

341.759

341.759

45, 27.396,
342.722

53, 12.320,
340.886

42, 34.632,
343.801

57, 4.816, 340.058

39, 41.323,
345.037

61, 2.536, 159.507

65, 9.689, 158.746

36, 47.128,
346.490

69, 16.622,
158.106

34, 51.682,
348.242

74, 23.328,
157.515

32, 54.691,
350.402

78, 29.812,
156.966

31, 56.168,
353.051

82, 36.084,
156.452

31, 56.611,
354.006

86, 42.157,

Harmonies

Complementary

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



49, 19.893, 341.759



56, 19.476, 157.432

Rectangle

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



49, 19.893, 341.759



49, 19.893, 31.759



49, 19.893, 161.759



49, 19.893, 211.759

Sweetspot

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



49, 19.891, 341.760



72, 7.329, 340.196



47, 23.359, 307.492



37, 5.257, 340.311



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



49, 19.891, 341.760



60, 29.728, 342.340



48, 16.248, 14.962



28, 4.170, 340.280



29, 54.278, 353.811



1, 2.791, 339.632

Inverse Universe

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



49, 19.891, 341.760



60, 29.728, 342.340



57, 14.050, 190.630



28, 4.170, 340.280



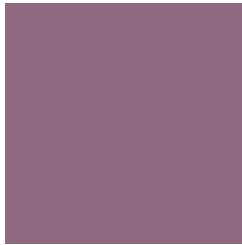
29, 54.278, 353.811



1, 2.791, 339.632

Previews

White Background



This preview shows how the CIELCh color 49, 19.893, 341.759 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, 19.893, 341.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

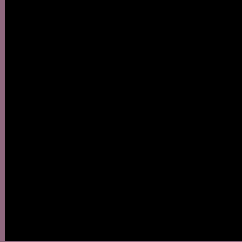
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 19.893, 341.759

Background



This preview shows how black text looks on a background with the CIELCh color 49, 19.893, 341.759.



This preview shows how white text looks on a background with the CIELCh color 49, 19.893, 341.759.

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, 19.893, 341.759

Protanopia

49, 10.582, 287.471

Deuteranopia

49, 8.837, 320.609



Tritanopia
49, 15.414, 1.526

Trichromacy



Original Color
49, 19.893, 341.759

Protanomaly
49, 12.858, 314.734

Deuteranomaly
49, 13.050, 331.142

Tritanomaly
49, 17.184, 353.308

Monochromacy



Original Color
49, 19.893, 341.759

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 7.360, 340.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 19.893, 341.759 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, 105, 127)` looks like.

```
.text, #text, p{  
    color:rgb(143, 105, 127)  
}
```

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, 105, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 105, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 19.893, 341.759 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, 105, 127) }
```

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

```
.border{ border-color:rgb(143, 105, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 105, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 105, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 105, 127);  
box-shadow:4px 4px 4px 4px rgb(143, 105,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 19.893, 341.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 105, 127) }
```

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

```
.background{ background-color: rgb(143,  
105, 127) }
```

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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