

Converting Colors

CIELCh(49, 13.995, 342.341)

Have a look what the booklet for
CIELCh(49, 13.995, 342.341)
contains.

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Color

CIELCh(49, 13.995, 342.341)

Conversions

Conversions Part 1

Format	Color
Hex	886D7C
RGB	136, 109, 124
RGB Percent	53%, 43%, 49%
CMY	0.4671, 0.5729, 0.5141
CMYK	0.00, 0.20, 0.09, 0.47
HSL	327°, 11%, 48%
HSV	327°, 20%, 53%
XYZ	19.2260, 17.5941, 21.4176
YIQ	118.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

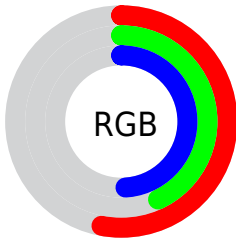
Format	Color
R_{YB}	136, 109, 124
Decimal	8940924
CIE _{Lab}	49.00, 13.34, -4.25
CIE _{LCh}	49, 13.995, 342.341
Yxy	17.5941, 0.3301, 0.3021
Android (android.graphics.Color)	4287131004 (0xFF886D7C)
YUV	118.7830, 2.5720, 15.0993
Hunter-Lab	41.9453, 8.4127, -0.9122

Details

The CIELCh color $49, 13.995, 342.341$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $54, 13.740, 159.179$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 13.733, 343.986$, and $29, 14.151, 342.815$ is the 20% darker color. If you saturate the color by 10%, you get $45, 21.137, 343.269$, and if you desaturate by 10%, it is $53, 6.888, 341.488$.

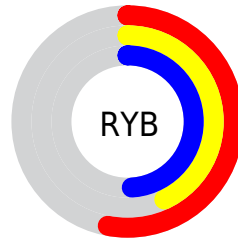
Distribution



Red (53%)

Green (43%)

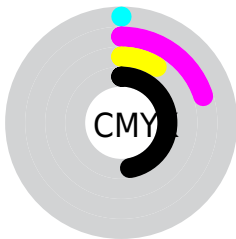
Blue (49%)



Red (53%)

Yellow (43%)

Blue (49%)

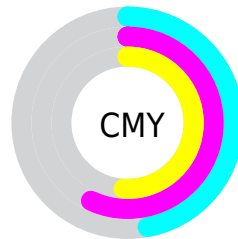


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (47%)



Cyan (47%)


Magenta (57%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 13.995, 342.341 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, 13.995, 342.341 by changing the saturation by 10% instead.


 49, 13.995,
342.341


 49, 13.995,
342.341


 100, 13.995,
342.341


 39, 13.995,
342.341

 69, 13.995,
342.341


 29, 13.995,
342.341

 79, 13.995,
342.341

 19, 13.995,
342.341


 89, 13.995,
342.341

 9, 13.995, 342.341

 99, 13.995,
342.341

 0, 13.995, 342.341

 49, 13.995,

 49, 13.995,

342.341

342.341

45, 21.137,
343.269

53, 6.888, 341.488

42, 28.174,
344.300

57, 0.089, 164.022

39, 34.897,
345.472

61, 6.885, 160.107

36, 41.025,
346.835

65, 13.474,
159.436

33, 46.224,
348.461

69, 19.847,
158.823

31, 50.161,
350.448

73, 26.006,
158.255

30, 52.603,
352.919

77, 31.961,
157.726

29, 53.994,
355.802

81, 37.722,
157.232

85, 43.304,

■ 29, 54.014,
355.841

156.769

Harmonies

Complementary

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



49, 13.995, 342.341



54, 13.740, 159.179

Rectangle

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



49, 13.995, 342.341



49, 13.995, 32.341



49, 13.995, 162.341



49, 13.995, 212.341

Sweetspot

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



49, 13.993, 342.343



69, 5.155, 341.170



48, 16.627, 307.679



36, 3.448, 341.218



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, 13.993, 342.343



60, 20.937, 342.763



49, 11.394, 15.504



27, 3.981, 341.430



28, 53.081, 355.751



0, 1.830, 340.773

Inverse Universe

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



49, 13.993, 342.343



60, 20.937, 342.763



55, 10.210, 192.565



27, 3.981, 341.430



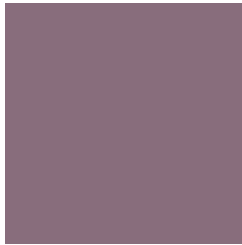
28, 53.081, 355.751



0, 1.830, 340.773

Previews

White Background



This preview shows how the CIELCh color 49, 13.995, 342.341 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, 13.995, 342.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

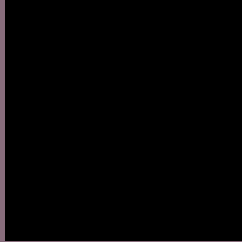
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 13.995, 342.341

Background



This preview shows how black text looks on a background with the CIELCh color 49, 13.995, 342.341.



This preview shows how white text looks on a background with the CIELCh color 49, 13.995, 342.341.

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, 13.995, 342.341

Protanopia

49, 7.054, 287.969

Deuteranopia

49, 7.621, 329.919



Tritanopia
49, 11.280, 356.351

Trichromacy



Original Color
49, 13.995, 342.341

Protanomaly
49, 9.171, 316.614

Deuteranomaly
49, 9.428, 337.403

Tritanomaly
49, 11.763, 351.097

Monochromacy



Original Color
49, 13.995, 342.341

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 5.372, 339.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 13.995, 342.341 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(136, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(136, 109, 124)  
}
```

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(136, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 109, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 13.995, 342.341 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(136, 109, 124) }
```

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

```
.border{ border-color:rgb(136, 109, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 109, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 109, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 109, 124); box-shadow:4px 4px 4px 4px rgb(136, 109, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 13.995, 342.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 109, 124) }
```

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

```
.background{ background-color: rgb(136,  
109, 124) }
```

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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