

Converting Colors

CIELCh(49, 13.560, 339.153)

Have a look what the booklet for
CIELCh(49, 13.560, 339.153)
contains.

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Color

CIELCh(49, 13.752, 338.145)

Conversions

Conversions Part 1

Format	Color
Hex	866D7D
RGB	134, 109, 125
RGB Percent	53%, 43%, 49%
CMY	0.4732, 0.5712, 0.5085
CMYK	0.00, 0.19, 0.07, 0.47
HSL	322°, 10%, 48%
HSV	322°, 19%, 53%
XYZ	19.1138, 17.5941, 21.9040
YIQ	118.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

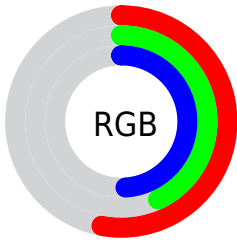
Format	Color
RYB	134, 109, 125
Decimal	8809853
CIELab	49.00, 12.76, -5.12
CIELCh	49, 13.752, 338.145
Yxy	17.5941, 0.3261, 0.3002
Android (android.graphics.Color)	4286999933 (0xFF866D7D)
YUV	118.2990, 3.3036, 13.7698
Hunter-Lab	41.9453, 7.9354, -1.5997

Details

The CIELCh color $49, 13.752, 338.145$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 13.601, 155.437$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 13.546, 337.189$, and $29, 13.894, 338.166$ is the 20% darker color. If you saturate the color by 10%, you get $45, 21.207, 338.955$, and if you desaturate by 10%, it is $53, 6.318, 337.381$.

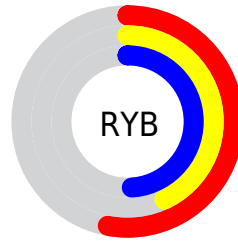
Distribution



Red (53%)

Green (43%)

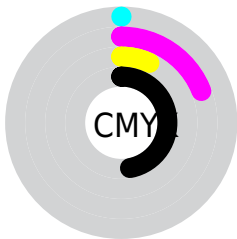
Blue (49%)



Red (53%)

Yellow (43%)

Blue (49%)

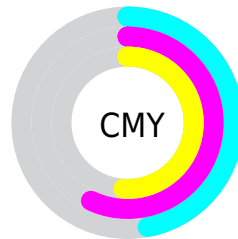


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (47%)



Cyan (47%)


Magenta (57%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 13.752, 338.145 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, 13.752, 338.145 by changing the saturation by 10% instead.


 49, 13.752,
338.145


 49, 13.752,
338.145


 100, 13.752,
338.145


 39, 13.752,
338.145

 69, 13.752,
338.145


 29, 13.752,
338.145

 79, 13.752,
338.145

 19, 13.752,
338.145


 89, 13.752,
338.145

 9, 13.752, 338.145

 99, 13.752,
338.145

 0, 13.752, 338.145

 49, 13.752,

 49, 13.752,

338.145

45, 21.207,
338.955

42, 28.541,
339.832

39, 35.544,
340.798

36, 41.936,
341.885

33, 47.380,
343.136

31, 51.536,
344.615

30, 54.140,
346.406

29, 55.455,
348.509

338.145

53, 6.318, 337.381

57, 0.997, 156.999

61, 8.139, 156.117

64, 15.079,
155.496

68, 21.806,
154.923

72, 28.319,
154.386

76, 34.627,
153.883

80, 40.739,
153.411

84, 46.668,

■ 29, 55.636,
348.800

152.967

Harmonies

Complementary

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



49, 13.752, 338.145



54, 13.601, 155.437

Rectangle

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



49, 13.752, 338.145



49, 13.752, 28.145



49, 13.752, 158.145



49, 13.752, 208.145

Sweetspot

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



49, 13.750, 338.146



68, 5.408, 337.187



48, 15.216, 304.699



35, 3.573, 337.229



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



49, 13.750, 338.146



61, 20.053, 338.452



49, 10.645, 8.842



26, 4.093, 337.419



28, 54.376, 348.712



0, 0.972, 336.819

Inverse Universe

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



49, 13.750, 338.146



61, 20.053, 338.452



54, 9.795, 185.643



26, 4.093, 337.419



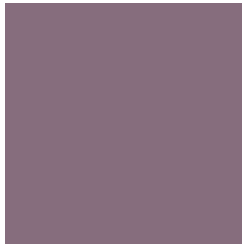
28, 54.376, 348.712



0, 0.972, 336.819

Previews

White Background



This preview shows how the CIELCh color 49, 13.752, 338.145 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, 13.752, 338.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

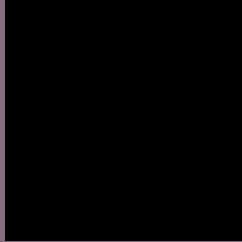
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 13.752, 338.145

Background



This preview shows how black text looks on a background with the CIELCh color 49, 13.752, 338.145.



This preview shows how white text looks on a background with the CIELCh color 49, 13.752, 338.145.

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, 13.752, 338.145

Protanopia

49, 7.639, 288.296

Deuteranopia

49, 8.336, 322.615



Tritanopia
49, 10.780, 351.515

Trichromacy



Original Color
49, 13.752, 338.145

Protanomaly
49, 8.846, 311.960

Deuteranomaly
49, 9.988, 330.815

Tritanomaly
49, 11.357, 346.289

Monochromacy



Original Color
49, 13.752, 338.145

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, 13.752, 338.145 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, 109, 125)` looks like.

```
.text, #text, p{  
    color:rgb(134, 109, 125)  
}
```

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, 109, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 109, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 13.752, 338.145 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, 109, 125) }
```

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

```
.border{ border-color:rgb(134, 109, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 109, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 109, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 109, 125);  
box-shadow:4px 4px 4px 4px rgb(134, 109,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 13.752, 338.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 109, 125) }
```

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

```
.background{ background-color: rgb(134,  
109, 125) }
```

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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