

Converting Colors

CIELCh(52, 8.198, 49.482)

Have a look what the booklet for
CIELCh(52, 8.198, 49.482) contains.

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Color

CIELCh(52, 8.198, 49.482)

Conversions

Conversions Part 1

Format	Color
Hex	8A7972
RGB	138, 121, 114
RGB Percent	54%, 47%, 45%
CMY	0.4605, 0.5271, 0.5546
CMYK	0.00, 0.12, 0.17, 0.46
HSL	18°, 10%, 49%
HSV	18°, 17%, 54%
XYZ	20.2094, 20.1443, 18.6186
YIQ	125.2850, 12.3790, 1.4270

Conversions

Conversions Part 2

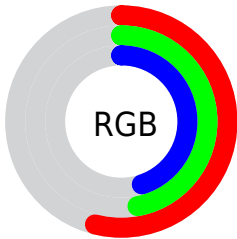
Format	Color
R_{YB}	138, 124, 114
Decimal	9075058
CIE Lab	52.00, 5.33, 6.23
CIE LCh	52, 8.198, 49.482
Yxy	20.1443, 0.3427, 0.3416
Android (android.graphics.Color)	4287265138 (0xFF8A7972)
YUV	125.2850, -5.5635, 11.1511
Hunter-Lab	44.8824, 1.8298, 6.8224

Details

The CIELCh color $52, 8.198, 49.482$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 7.441, 231.923$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 8.299, 47.029$, and $32, 8.290, 52.188$ is the 20% darker color. If you saturate the color by 10%, you get $49, 13.395, 49.026$, and if you desaturate by 10%, it is $55, 3.368, 49.984$.

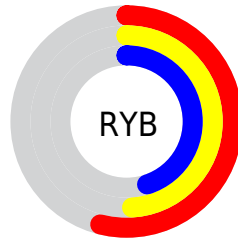
Distribution



Red (54%)

Green (47%)

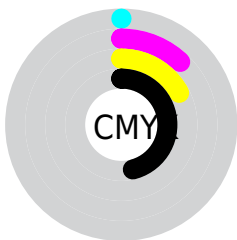
Blue (45%)



Red (54%)

Yellow (49%)

Blue (45%)

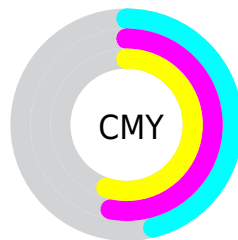


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.198, 49.482 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 52, 8.198, 49.482 by changing the saturation by 10% instead.

 52, 8.198, 49.482  52, 8.198, 49.482

 100, 8.198, 49.482  42, 8.198, 49.482


 72, 8.198, 49.482  32, 8.198, 49.482

 82, 8.198, 49.482  22, 8.198, 49.482

 92, 8.198, 49.482  12, 8.198, 49.482

 2, 8.198, 49.482

 0, 8.198, 49.482

 52, 8.198, 49.482  52, 8.198, 49.482

 49, 13.395, 49.026  55, 3.368, 49.984

 46, 18.989, 48.636  58, 1.127, 231.047

43, 24.994, 48.352

61, 5.322, 231.415

41, 31.398, 48.189

64, 9.251, 232.043

38, 38.136, 48.137

67, 12.946,
232.699

36, 45.040, 48.135

71, 16.435,
233.361

34, 51.724, 47.998

32, 57.732, 47.632

74, 19.744,
234.020

32, 59.271, 47.660

77, 22.894,
234.670

80, 25.904,
235.306

Harmonies

Complementary

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



52, 8.198, 49.482



53, 7.441, 231.923

Rectangle

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



52, 8.198, 49.482



52, 8.198, 99.482



52, 8.198, 229.482



52, 8.198, 279.482

Sweetspot

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



52, 8.198, 49.495



71, 2.778, 50.067



51, 13.845, 334.758



37, 1.892, 50.049



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 8.198, 49.495



65, 12.401, 49.299



55, 10.935, 97.415



27, 2.575, 49.906



30, 57.506, 47.661



1, 1.160, 50.536

Inverse Universe

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



53, 7.441, 231.923



67, 10.980, 232.309



50, 11.115, 281.559



28, 2.455, 231.266



37, 29.408, 253.056



1, 1.161, 230.555

Previews

White Background



This preview shows how the CIELCh color 52, 8.198, 49.482 looks on a white 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

Black Background



This preview shows how the CIE LCh color 52, 8.198, 49.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

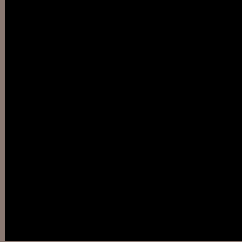
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 8.198, 49.482

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.198, 49.482.

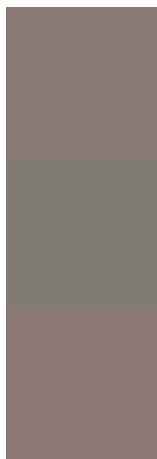


This preview shows how white text looks on a background with the CIELCh color 52, 8.198, 49.482.

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

52, 8.198, 49.482

Protanopia

52, 5.448, 91.898

Deuteranopia

52, 9.094, 42.520



Tritanopia
52, 10.250, 346.207

Trichromacy



Original Color

52, 8.198, 49.482

Protanomaly

52, 6.166, 76.936

Deuteranomaly

52, 8.699, 43.560

Tritanomaly

52, 8.082, 3.697

Monochromacy



Original Color

52, 8.198, 49.482

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 3.059, 41.756

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 52, 8.198, 49.482 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(138, 121, 114)` looks like.

```
.text, #text, p{  
    color:rgb(138, 121, 114)  
}
```

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(138, 121, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 121, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.198, 49.482 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(138, 121, 114) }
```

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

```
.border{ border-color:rgb(138, 121, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 121, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 121, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 121, 114);  
box-shadow:4px 4px 4px 4px rgb(138, 121,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.198, 49.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 121, 114) }
```

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

```
.background{ background-color: rgb(138,  
121, 114) }
```

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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