

Converting Colors

CIELCh(52, 4.951, 39.299)

Have a look what the booklet for
CIELCh(52, 4.951, 39.299) contains.

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Color

CIELCh(52, 4.826, 40.809)

Conversions

Conversions Part 1

Format	Color
Hex	857A77
RGB	133, 122, 119
RGB Percent	52%, 48%, 47%
CMY	0.4795, 0.5226, 0.5344
CMYK	0.00, 0.08, 0.11, 0.48
HSL	13°, 6%, 49%
HSV	13°, 11%, 52%
XYZ	19.8714, 20.1443, 20.2108
YIQ	124.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

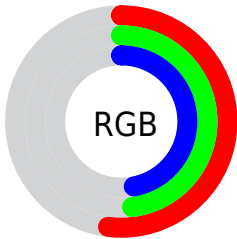
Format	Color
RYB	133, 123, 119
Decimal	8747639
CIELab	52.00, 3.65, 3.15
CIElCh	52, 4.826, 40.809
Yxy	20.1443, 0.3299, 0.3345
Android (android.graphics.Color)	4286937719 (0xFF857A77)
YUV	124.9470, -2.9319, 7.0625
Hunter-Lab	44.8824, 0.4853, 4.7191

Details

The CIELCh color $52, 4.826, 40.809$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 4.532, 221.621$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 4.856, 39.218$, and $32, 4.683, 35.607$ is the 20% darker color. If you saturate the color by 10%, you get $49, 9.782, 40.713$, and if you desaturate by 10%, it is $55, 0.238, 39.478$.

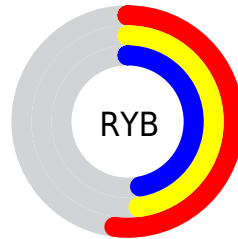
Distribution



Red (52%)

Green (48%)

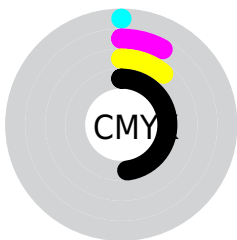
Blue (47%)



Red (52%)

Yellow (48%)

Blue (47%)

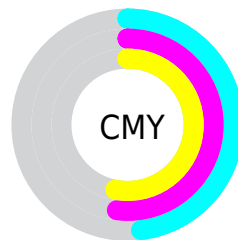


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (48%)



Cyan (48%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 4.826, 40.809 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, 4.826, 40.809 by changing the saturation by 10% instead.

 52, 4.826, 40.809  52, 4.826, 40.809

 100, 4.826, 40.809  42, 4.826, 40.809


 72, 4.826, 40.809  32, 4.826, 40.809

 82, 4.826, 40.809  22, 4.826, 40.809

 92, 4.826, 40.809  12, 4.826, 40.809

 2, 4.826, 40.809

 0, 4.826, 40.809

 52, 4.826, 40.809  52, 4.826, 40.809

 49, 9.782, 40.713  55, 0.238, 39.478

 46, 15.139, 40.683  59, 4.017, 221.564

43, 20.917, 40.789

62, 7.974, 221.870

40, 27.120, 41.068

65, 11.667,
222.241

37, 33.714, 41.544

69, 15.128,
222.641

35, 40.606, 42.215

32, 47.580, 43.005

72, 18.386,
223.056

30, 54.159, 43.662

75, 21.464,
223.478

29, 59.532, 44.101

79, 24.385,
223.901

82, 27.167,
224.322

Harmonies

Complementary

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



52, 4.826, 40.809



53, 4.532, 221.621

Rectangle

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



52, 4.826, 40.809



52, 4.826, 90.809



52, 4.826, 220.809



52, 4.826, 270.809

Sweetspot

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



52, 4.825, 40.829



70, 1.658, 40.795



52, 8.592, 331.134



36, 1.255, 40.833



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 4.825, 40.829



66, 7.483, 40.794



54, 5.874, 92.433



26, 2.565, 40.846



28, 58.512, 44.050



0, 0.595, 41.163

Inverse Universe

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



53, 4.532, 221.621



68, 6.905, 221.724



52, 5.892, 275.035



27, 2.431, 221.576



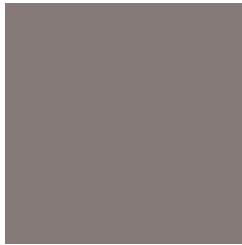
40, 26.781, 237.369



0, 0.595, 221.182

Previews

White Background



This preview shows how the CIELCh color 52, 4.826, 40.809 looks on a white background.

Color Contrast Check

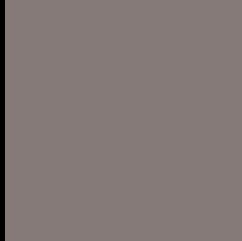
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 52, 4.826, 40.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

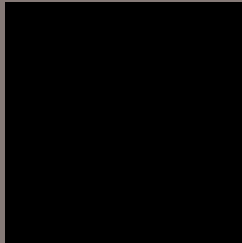
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 4.826, 40.809

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.826, 40.809.



This preview shows how white text looks on a background with the CIELCh color 52, 4.826, 40.809.

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, 4.826, 40.809

Protanopia

52, 2.363, 66.609

Deuteranopia

52, 7.445, 24.614



Tritanopia
52, 8.073, 334.364

Trichromacy



Original Color
52, 4.826, 40.809

Protanomaly
52, 2.982, 55.050

Deuteranomaly
52, 6.278, 30.590

Tritanomaly
52, 5.993, 351.174

Monochromacy



Original Color
52, 4.826, 40.809

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.703, 39.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 4.826, 40.809 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(133, 122, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 122, 119)  
}
```

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(133, 122, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 122, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.826, 40.809 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(133, 122, 119) }
```

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

```
.border{ border-color:rgb(133, 122, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 122, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 122, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 122, 119);  
box-shadow:4px 4px 4px 4px rgb(133, 122,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.826, 40.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 122, 119) }
```

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

```
.background{ background-color: rgb(133,  
122, 119) }
```

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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