

Converting Colors

CIELCh(52, 4.432, 30.382)

Have a look what the booklet for
CIELCh(52, 4.432, 30.382) contains.

CIELCh(52, 4.237, 35.560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 4.237, 35.560)

Conversions

Conversions Part 1

Format	Color
Hex	847A78
RGB	132, 122, 120
RGB Percent	52%, 48%, 47%
CMY	0.4828, 0.5220, 0.5298
CMYK	0.00, 0.08, 0.09, 0.48
HSL	10°, 5%, 49%
HSV	10°, 9%, 52%
XYZ	19.8300, 20.1443, 20.5797
YIQ	124.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

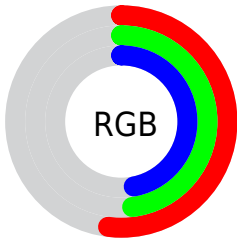
Format	Color
RYB	132, 122, 120
Decimal	8682104
CIELab	52.00, 3.45, 2.46
CIELCh	52, 4.237, 35.560
Yxy	20.1443, 0.3275, 0.3327
Android (android.graphics.Color)	4286872184 (0xFF847A78)
YUV	124.7620, -2.3477, 6.3477
Hunter-Lab	44.8824, 0.3209, 4.2318

Details

The CIELCh color $52, 4.237, 35.560$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 4.008, 215.916$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 4.321, 34.160$, and $32, 4.533, 28.017$ is the 20% darker color. If you saturate the color by 10%, you get $49, 9.257, 35.694$, and if you desaturate by 10%, it is $55, 0.406, 216.715$.

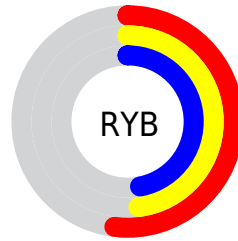
Distribution



Red (52%)

Green (48%)

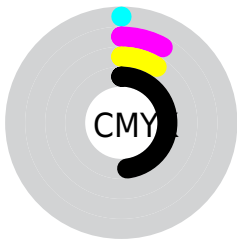
Blue (47%)



Red (52%)

Yellow (48%)

Blue (47%)

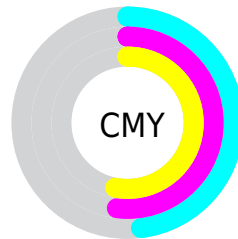


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (48%)



Cyan (48%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 4.237, 35.560 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, 4.237, 35.560 by changing the saturation by 10% instead.

■ 52, 4.237, 35.560

■ 52, 4.237, 35.560

■ 100, 4.237, 35.560

■ 42, 4.237, 35.560

■ 72, 4.237, 35.560

■ 32, 4.237, 35.560

■ 82, 4.237, 35.560

■ 22, 4.237, 35.560

■ 92, 4.237, 35.560

■ 12, 4.237, 35.560

■ 2, 4.237, 35.560

■ 0, 4.237, 35.560

■ 52, 4.237, 35.560

■ 52, 4.237, 35.560

■ 49, 9.257, 35.694

■ 55, 0.406, 216.715

■ 45, 14.688, 35.903

■ 59, 4.705, 215.922

42, 20.545, 36.274

62, 8.697, 216.056

39, 26.827, 36.852

66, 12.416,
216.257

36, 33.498, 37.677

69, 15.895,
216.494

34, 40.460, 38.765

31, 47.513, 40.064

73, 19.164,
216.753

30, 54.223, 41.354

76, 22.247,
217.026

28, 59.807, 42.259

80, 25.168,
217.307

83, 27.946,
217.591

Harmonies

Complementary

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



52, 4.237, 35.560



54, 4.008, 215.916

Rectangle

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



52, 4.237, 35.560



52, 4.237, 85.560



52, 4.237, 215.560



52, 4.237, 265.560

Sweetspot

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



52, 4.236, 35.582



69, 1.685, 35.401



52, 7.544, 329.891



36, 1.291, 35.455



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, 4.236, 35.582



65, 6.384, 35.604



54, 4.868, 90.005



26, 2.638, 35.582



28, 59.554, 42.311



0, 0.611, 35.703

Inverse Universe

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



54, 4.008, 215.916



68, 5.955, 215.936



52, 4.869, 272.299



27, 2.495, 215.916



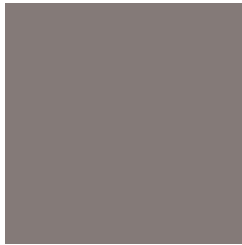
42, 26.419, 227.275



0, 0.611, 215.722

Previews

White Background



This preview shows how the CIELCh color 52, 4.237, 35.560 looks on a white background.

Color Contrast Check

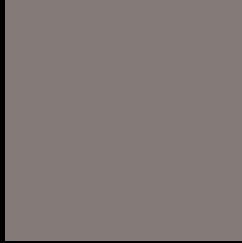
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.237, 35.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

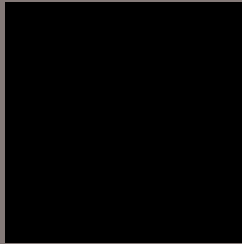
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 4.237, 35.560

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.237, 35.560.



This preview shows how white text looks on a background with the CIELCh color 52, 4.237, 35.560.

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, 4.237, 35.560

Protanopia

52, 1.978, 55.163

Deuteranopia

52, 6.980, 20.135



Tritanopia
52, 7.803, 332.199

Trichromacy



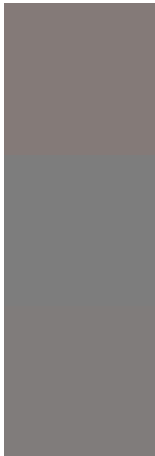
Original Color
52, 4.237, 35.560

Protanomaly
52, 2.684, 45.017

Deuteranomaly
52, 5.764, 25.710

Tritanomaly
52, 5.642, 349.121

Monochromacy



Original Color
52, 4.237, 35.560

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, 4.237, 35.560 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(132, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(132, 122, 120)  
}
```

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(132, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 122, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.237, 35.560 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(132, 122, 120) }
```

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

```
.border{ border-color:rgb(132, 122, 120) }
```

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

Here you see how a box with a 4 pixel rgb(132, 122, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(132, 122,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.237, 35.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 122, 120) }
```

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

```
.background{ background-color: rgb(132,  
122, 120) }
```

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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