

Converting Colors

CIELCh(52, 3.731, 52.246)

Have a look what the booklet for
CIELCh(52, 3.731, 52.246) contains.

CIELCh(52, 3.666, 58.626)	3
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Color

CIELCh(52, 3.666, 58.626)

Conversions

Conversions Part 1

Format	Color
Hex	827B77
RGB	130, 123, 119
RGB Percent	51%, 48%, 47%
CMY	0.4913, 0.5187, 0.5344
CMYK	0.00, 0.05, 0.08, 0.49
HSL	22°, 4%, 49%
HSV	22°, 8%, 51%
XYZ	19.5230, 20.1443, 20.2235
YIQ	124.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

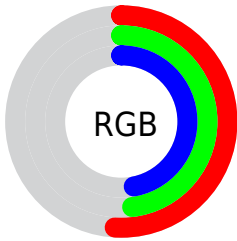
Format	Color
RYB	130, 125, 119
Decimal	8551287
CIELab	52.00, 1.91, 3.13
CIElCh	52, 3.666, 58.626
Yxy	20.1443, 0.3260, 0.3364
Android (android.graphics.Color)	4286741367 (0xFF827B77)
YUV	124.6370, -2.7790, 4.7034
Hunter-Lab	44.8824, -0.9000, 4.7023

Details

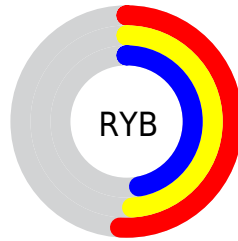
The CIELCh color $52, 3.666, 58.626$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 3.537, 240.378$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 3.727, 55.063$, and $32, 3.667, 50.763$ is the 20% darker color. If you saturate the color by 10%, you get $49, 8.258, 57.857$, and if you desaturate by 10%, it is $55, 0.643, 240.145$.

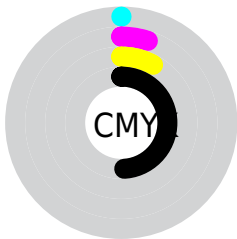
Distribution



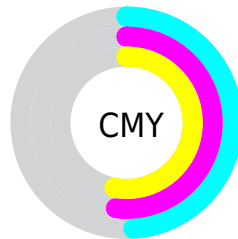
- Red (51%)
- Green (48%)
- Blue (47%)



- Red (51%)
- Yellow (49%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 3.666, 58.626 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, 3.666, 58.626 by changing the saturation by 10% instead.

 52, 3.666, 58.626

 52, 3.666, 58.626

 100, 3.666, 58.626

 42, 3.666, 58.626

 72, 3.666, 58.626

 32, 3.666, 58.626

 82, 3.666, 58.626

 22, 3.666, 58.626

 92, 3.666, 58.626

 12, 3.666, 58.626

 2, 3.666, 58.626

 0, 3.666, 58.626

 52, 3.666, 58.626

 52, 3.666, 58.626

 49, 8.258, 57.857

 55, 0.643, 240.145

 47, 13.161, 57.062

 57, 4.698, 240.567

44, 18.397, 56.308

60, 8.529, 241.413

42, 23.976, 55.613

63, 12.160,
242.271

39, 29.882, 54.978

66, 15.616,
243.119

37, 36.045, 54.383

35, 42.292, 53.752

68, 18.919,
243.950

33, 48.240, 52.897

71, 22.087,
244.759

32, 53.708, 51.935

74, 25.135,
245.542

76, 28.079,
246.299

Harmonies

Complementary

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



52, 3.666, 58.626



52, 3.537, 240.378

Rectangle

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



52, 3.666, 58.626



52, 3.666, 108.626



52, 3.666, 238.626



52, 3.666, 288.626

Sweetspot

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



52, 3.666, 58.653



68, 1.575, 58.952



51, 6.082, 336.921



35, 1.192, 58.940



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 3.666, 58.653



66, 5.381, 58.519



53, 5.411, 102.349



26, 2.408, 58.607



31, 53.808, 51.883



0, 0.000, 0.000

Inverse Universe

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



52, 3.537, 240.378



66, 5.147, 240.546



51, 5.483, 284.193



26, 2.316, 240.435



33, 32.120, 265.279



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 3.666, 58.626 looks on a white background.

Color Contrast Check

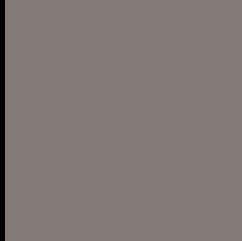
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.666, 58.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

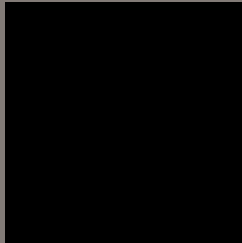
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

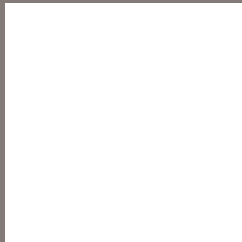
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 3.666, 58.626

Background



This preview shows how black text looks on a background with the CIELCh color 52, 3.666, 58.626.



This preview shows how white text looks on a background with the CIELCh color 52, 3.666, 58.626.

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

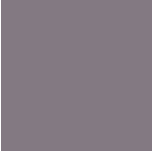
52, 3.666, 58.626

Protanopia

52, 2.817, 74.594

Deuteranopia

52, 7.445, 24.614



Tritanopia
52, 6.591, 327.664

Trichromacy



Original Color

52, 3.666, 58.626

Protanomaly

52, 3.070, 68.318

Deuteranomaly

52, 5.866, 31.298

Tritanomaly

52, 4.306, 347.258

Monochromacy



Original Color

52, 3.666, 58.626

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.398, 74.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 3.666, 58.626 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(130, 123, 119)` looks like.

```
.text, #text, p{  
    color:rgb(130, 123, 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(130, 123, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 123, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 3.666, 58.626 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(130, 123, 119) }
```

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

```
.border{ border-color:rgb(130, 123, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 123, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 123, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 123, 119);  
box-shadow:4px 4px 4px 4px rgb(130, 123,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 3.666, 58.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 123, 119) }
```

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

```
.background{ background-color: rgb(130,  
123, 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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