

Converting Colors

CIELCh(52, 4.072, 311.877)

Have a look what the booklet for
CIELCh(52, 4.072, 311.877) contains.

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Color

CIELCh(52, 3.699, 309.241)

Conversions

Conversions Part 1

Format	Color
Hex	7E7B81
RGB	126, 123, 129
RGB Percent	49%, 48%, 51%
CMY	0.5064, 0.5181, 0.4946
CMYK	0.02, 0.05, 0.00, 0.49
HSL	270°, 2%, 49%
HSV	270°, 5%, 51%
XYZ	19.6088, 20.1443, 23.5812
YIQ	124.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

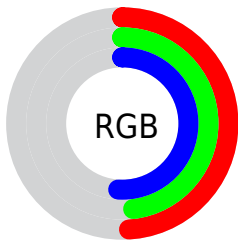
Format	Color
R_{YB}	126, 123, 129
Decimal	8289153
CIE Lab	52.00, 2.34, -2.86
CIE LCh	52, 3.699, 309.241
Yxy	20.1443, 0.3096, 0.3181
Android (android.graphics.Color)	4286479233 (0xFF7E7B81)
YUV	124.5810, 2.1786, 1.2445
Hunter-Lab	44.8824, -0.5589, 0.2667

Details

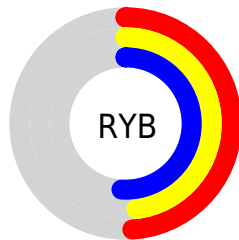
The CIELCh color **52, 3.699, 309.241** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54, 3.664, 128.892**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 4.114, 311.650**, and **32, 4.035, 309.354** is the 20% darker color. If you saturate the color by 10%, you get **48, 11.797, 309.699**, and if you desaturate by 10%, it is **56, 4.172, 128.871**.

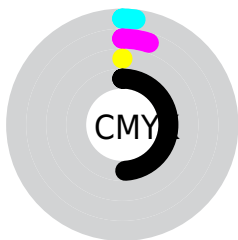
Distribution



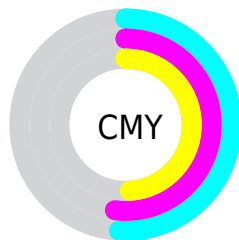
- Red (49%)
- Green (48%)
- Blue (51%)



- Red (49%)
- Yellow (48%)
- Blue (51%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 3.699, 309.241 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, 3.699, 309.241 by changing the saturation by 10% instead.

■ 52, 3.699, 309.241

■ 52, 3.699, 309.241

■ 100, 3.699,
309.241

■ 42, 3.699, 309.241

■ 72, 3.699, 309.241

■ 32, 3.699, 309.241

■ 82, 3.699, 309.241

■ 22, 3.699, 309.241

■ 92, 3.699, 309.241

■ 12, 3.699, 309.241

■ 2, 3.699, 309.241

■ 0, 3.699, 309.241

■ 52, 3.699, 309.241

■ 52, 3.699, 309.241

■ 48, 11.797,
309.699

■ 56, 4.172, 128.871

■ 60, 11.808,

44, 20.107,
310.188

128.492

40, 28.586,
310.702

64, 19.212,
128.163

36, 37.151,
311.227

69, 26.393,
127.874

32, 45.658,
311.732

73, 33.359,
127.621

28, 53.867,
312.172

77, 40.122,
127.401

25, 61.412,
312.478

81, 46.692,
127.210

22, 67.799,
312.558

85, 53.082,
127.044

20, 72.564,
312.331

89, 59.301,
126.903

Harmonies

Complementary

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



52, 3.699, 309.241



54, 3.664, 128.892

Rectangle

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



52, 3.699, 309.241



52, 3.699, 359.241



52, 3.699, 129.241



52, 3.699, 179.241

Sweetspot

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



52, 3.697, 309.235



68, 0.990, 309.000



53, 2.058, 254.273



35, 0.560, 308.989



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, 3.697, 309.235



66, 5.941, 309.305



52, 4.216, 324.195



25, 3.114, 309.315



18, 74.400, 312.248



0, 0.000, 0.000

Inverse Universe

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



52, 2.978, 343.909



66, 4.785, 344.053



53, 4.203, 143.796



26, 2.508, 344.073



27, 50.839, 0.532



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 3.699, 309.241 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, 3.699, 309.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

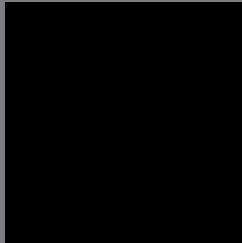
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

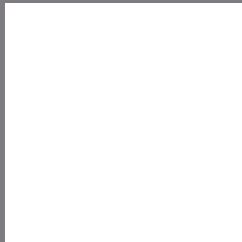
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 3.699, 309.241

Background



This preview shows how black text looks on a background with the CIELCh color 52, 3.699, 309.241.



This preview shows how white text looks on a background with the CIELCh color 52, 3.699, 309.241.

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, 3.699, 309.241

Protanopia

52, 3.589, 303.279

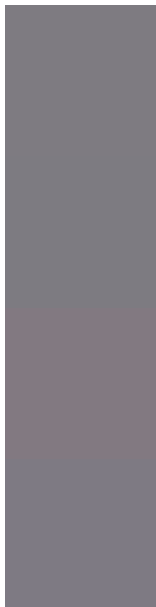
Deuteranopia

52, 7.386, 335.212



Tritanopia
52, 6.046, 305.855

Trichromacy



Original Color

52, 3.699, 309.241

Protanomaly

52, 3.589, 303.279

Deuteranomaly

52, 5.892, 327.962

Tritanomaly

52, 5.487, 307.401

Monochromacy



Original Color

52, 3.699, 309.241

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.237, 309.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 3.699, 309.241 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(126, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(126, 123, 129)  
}
```

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(126, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 123, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 3.699, 309.241 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(126, 123, 129) }
```

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

```
.border{ border-color:rgb(126, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 123, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 123, 129); box-shadow:4px 4px 4px 4px rgb(126, 123, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 3.699, 309.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 123, 129) }
```

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

```
.background{ background-color: rgb(126,  
123, 129) }
```

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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