Converting Colors

CIELCh(52, 3.589, 303.279)

Have a look what the booklet for CIELCh(52, 3.589, 303.279) contains.

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Color

CIELCh(52, 3.589, 303.279)

Conversions

Format	Color
Hex	7D7B81
RGB	125, 123, 129
RGB Percent	49%, 48%, 51%
CMY	0.5094, 0.5173, 0.4937
CMYK	0.03, 0.05, 0.00, 0.49
HSL	260°, 2%, 49%
HSV	260°, 5%, 51%
XYZ	19.5351, 20.1443, 23.6612
YIQ	124.2820, -0.7340, 2.2900

Conversions Part 1

Conversions

Conversions Part 2

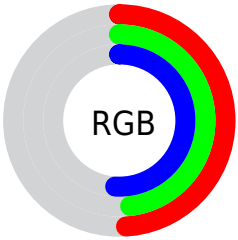
Format	Color
RYB	125, 123, 129
Decimal	8223617
CIELab	52.00, 1.97, -3.00
CIELCh	52, 3.589, 303.279
Yxy	20.1443, 0.3084, 0.3180
Android (android.graphics.Color)	4286413697 (0xFF7D7B81)
YUV	124.2820, 2.3260, 0.6297
Hunter-Lab	44.8824, -0.8520, 0.1611

Details

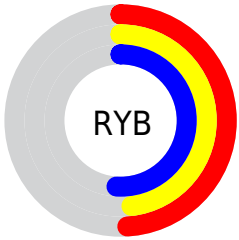
The CIELCh color 52, 3.589, 303.279 is a dark color, and the websafe version is hex 666666. A complement of this color would be 54, 3.547, 122.814, and the grayscale version is 52, 0.007, 296.813.

A 20% lighter version of the original color is 72, 3.992, 306.692, and 32, 3.916, 303.415 is the 20% darker color. If you saturate the color by 10%, you get 48, 11.485, 303.851, and if you desaturate by 10%, it is 56, 4.049, 122.789.

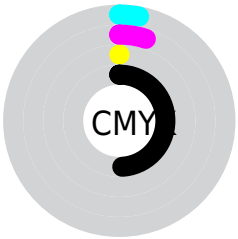
Distribution



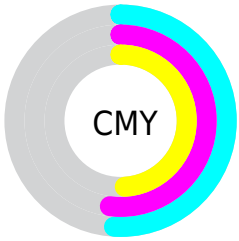
- Red (49%)
- Green (48%)
- Blue (51%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 3.589, 303.279 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, 3.589, 303.279 by changing the saturation by 10% instead.

52, 3.589, 303.279

100, 3.589, 303.279

72, 3.589, 303.279

82, 3.589, 303.279

92, 3.589, 303.279

52, 3.589, 303.279

42, 3.589, 303.279

32, 3.589, 303.279

22, 3.589, 303.279

12, 3.589, 303.279

2, 3.589, 303.279

0, 3.589, 303.279

52, 3.589, 303.279

48, 11.485, 303.851

52, 3.589, 303.279

56, 4.049, 122.789

61, 11.431,

43, 19.644, 304.496

39, 28.049, 305.208

35, 36.655, 305.980

31, 45.363, 306.787

27, 53.974, 307.582

23, 62.136, 308.287

20, 69.287, 308.779

17, 74.795, 308.936

65, 18.572, 121.954

69, 25.483, 121.619

73, 32.179, 121.330

78, 38.671, 121.081

82, 44.973, 120.866

86, 51.095, 120.683

90, 57.050, 120.526

Harmonies

Complementary

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

52, 3.589, 303.279

54, 3.547, 122.814

Rectangle

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

52, 3.589, 303.279

52, 3.589, 353.279

52, 3.589, 123.279

52, 3.589, 173.279

Sweetspot

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

52, 3.588, 303.270

68, 0.960, 303.037

53, 1.933, 234.156

35, 0.543, 303.029

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, 3.588, 303.270

66, 5.765, 303.354

52, 4.008, 319.468

25, 3.022, 303.367

16, 76.929, 309.091

0, 0.000, 0.000

Inverse Universe

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

52, 3.352, 335.891

66, 5.381, 336.011

53, 3.989, 139.144

26, 2.820, 336.028

27, 54.441, 346.606

0, 0.000, 0.000

Previews

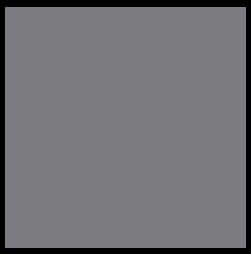
White Background

This preview shows how the CIELCh color 52, 3.589, 303.279 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



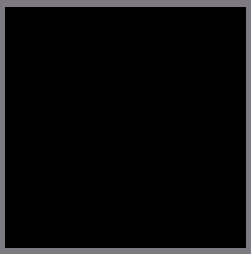
This preview shows how the CIELCh color 52, 3.589, 303.279 looks on a black background.

Color Contrast Check

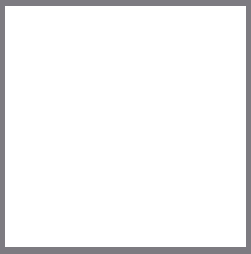
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 52, 3.589, 303.279 Background



This preview shows how black text looks on a background with the CIELCh color 52, 3.589, 303.279.



This preview shows how white text looks on a background with the CIELCh color 52, 3.589, 303.279.

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, 3.589, 303.279

Protanopia
52, 3.589, 303.279

Deuteranopia
52, 7.803, 332.199

Tritanopia
52, 5.377, 303.402

Trichromacy

Original Color
52, 3.589, 303.279

Protanomaly
52, 3.589, 303.279

Deuteranomaly
52, 6.360, 324.777

Tritanomaly
52, 4.813, 304.878

Monochromacy

Original Color
52, 3.589, 303.279

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.166, 290.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 3.589, 303.279 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(125, 123, 129) looks like.

```
.text, #text, p{
    color:rgb(125, 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(125, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 123, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 3.589, 303.279 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(125, 123, 129) }
```

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

```
.border{ border-color:rgb(125, 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(125, 123, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 123, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 123, 129); box-shadow:4px 4px 4px 4px rgb(125, 123, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 3.589, 303.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(125, 123, 129) }
```

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

```
.background{ background-color:rgb(125,
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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