

Converting Colors

CIELCh(52, 2.971, 163.371)

Have a look what the booklet for
CIELCh(52, 2.971, 163.371) contains.

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Color

CIELCh(52, 2.971, 163.371)

Conversions

Conversions Part 1

Format	Color
Hex	777D7A
RGB	119, 125, 122
RGB Percent	47%, 49%, 48%
CMY	0.5317, 0.5081, 0.5199
CMYK	0.05, 0.00, 0.02, 0.51
HSL	150°, 2%, 48%
HSV	150°, 5%, 49%
XYZ	18.5941, 20.1443, 21.4600
YIQ	122.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

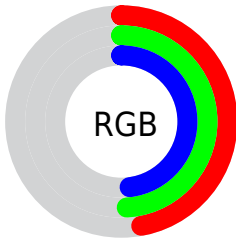
Format	Color
RYB	119, 123, 125
Decimal	7830906
CIELab	52.00, -2.85, 0.85
CIElCh	52, 2.971, 163.371
Yxy	20.1443, 0.3089, 0.3346
Android (android.graphics.Color)	4286020986 (0xFF777D7A)
YUV	122.8640, -0.4260, -3.3887
Hunter-Lab	44.8824, -4.5945, 3.0689

Details

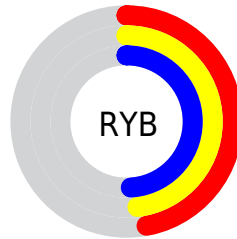
The CIELCh color $52, 2.971, 163.371$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 2.998, 343.919$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 3.419, 159.799$, and $32, 2.906, 158.250$ is the 20% darker color. If you saturate the color by 10%, you get $51, 9.196, 162.458$, and if you desaturate by 10%, it is $53, 3.235, 343.938$.

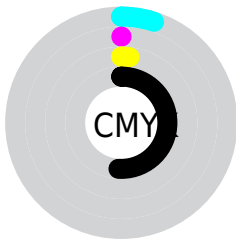
Distribution



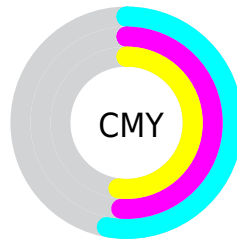
- Red (47%)
- Green (49%)
- Blue (48%)



- Red (47%)
- Yellow (48%)
- Blue (49%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 2.971, 163.371 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, 2.971, 163.371 by changing the saturation by 10% instead.

■ 52, 2.971, 163.371

■ 52, 2.971, 163.371

■ 100, 2.971,
163.371

■ 42, 2.971, 163.371

■ 72, 2.971, 163.371

■ 32, 2.971, 163.371

■ 82, 2.971, 163.371

■ 22, 2.971, 163.371

■ 92, 2.971, 163.371

■ 12, 2.971, 163.371

■ 2, 2.971, 163.371

■ 0, 2.971, 163.371

■ 52, 2.971, 163.371

■ 52, 2.971, 163.371

■ 51, 9.196, 162.458

■ 53, 3.235, 343.938

■ 50, 15.369,

■ 55, 9.374, 344.696

161.518

56, 15.408,
345.354

49, 21.414,
160.478

57, 21.310,
345.959

48, 27.239,
159.314

59, 27.062,
346.522

47, 32.745,
158.004

61, 32.655,
347.050

47, 37.839,
156.525

62, 38.085,
347.547

46, 42.440,
154.859

64, 43.351,
348.017

46, 46.496,
152.997

66, 48.458,
348.463

46, 50.018,
150.964

Harmonies

Complementary

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



52, 2.971, 163.371



51, 2.998, 343.919

Rectangle

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



52, 2.971, 163.371



52, 2.971, 213.371



52, 2.971, 343.371



52, 2.971, 33.371

Sweetspot

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



52, 2.972, 163.362



67, 0.765, 164.016



52, 3.674, 128.304



35, 0.432, 164.058



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



52, 2.972, 163.362



66, 4.623, 163.231



52, 2.367, 197.909



27, 2.484, 163.209



47, 52.432, 149.919



0, 0.000, 0.000

Inverse Universe

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



51, 2.998, 343.919



64, 4.666, 344.049



51, 2.434, 18.154



26, 2.508, 344.071



27, 50.839, 0.529



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 2.971, 163.371 looks on a white background.

Color Contrast Check

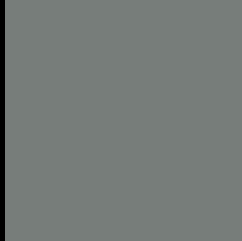
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.971, 163.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

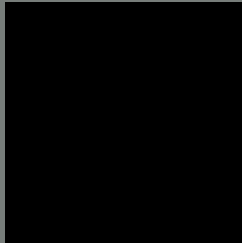
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

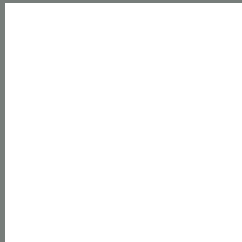
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 2.971, 163.371

Background



This preview shows how black text looks on a background with the CIELCh color 52, 2.971, 163.371.



This preview shows how white text looks on a background with the CIELCh color 52, 2.971, 163.371.

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, 2.971, 163.371

Protanopia

52, 1.978, 55.163

Deuteranopia

52, 6.895, 0.563



Tritanopia
52, 5.900, 279.657

Trichromacy



Original Color

52, 2.971, 163.371

Protanomaly

52, 1.153, 109.992

Deuteranomaly

52, 3.285, 9.513

Tritanomaly

52, 3.463, 256.441

Monochromacy



Original Color

52, 2.971, 163.371

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 0.988, 163.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 2.971, 163.371 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(119, 125, 122)` looks like.

```
.text, #text, p{  
    color:rgb(119, 125, 122)  
}
```

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(119, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 125, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 2.971, 163.371 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(119, 125, 122) }
```

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

```
.border{ border-color:rgb(119, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 125, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 125, 122);  
box-shadow:4px 4px 4px 4px rgb(119, 125,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 2.971, 163.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 125, 122) }
```

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

```
.background{ background-color: rgb(119,  
125, 122) }
```

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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