

Converting Colors

CIELCh(51, 29.356, 4.422)

Have a look what the booklet for
CIELCh(51, 29.356, 4.422) contains.

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Color

CIELCh(51, 29.237, 4.021)

Conversions

Conversions Part 1

Format	Color
Hex	A96677
RGB	169, 102, 119
RGB Percent	66%, 40%, 47%
CMY	0.3373, 0.6000, 0.5333
CMYK	0.00, 0.40, 0.30, 0.34
HSL	345°, 28%, 53%
HSV	345°, 40%, 66%
XYZ	24.4421, 19.2686, 19.8829
YIQ	123.9710, 34.4750, 19.4910

Conversions

Conversions Part 2

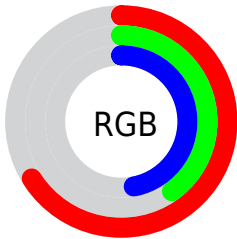
Format	Color
R_{YB}	169, 102, 119
Decimal	11101815
CIE _{Lab}	51.00, 29.17, 2.05
CIE _{LCh}	51, 29.237, 4.021
Yxy	19.2686, 0.3843, 0.3030
Android (android.graphics.Color)	4289291895 (0xFFA96677)
YUV	123.9710, -2.4507, 39.4904
Hunter-Lab	43.8960, 22.5739, 3.8716

Details

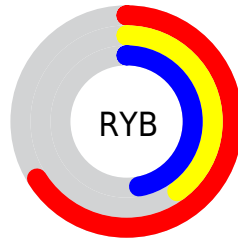
The CIELCh color **51, 29.237, 4.021** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 25.445, 175.323**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 29.335, 4.192**, and **31, 29.414, 3.663** is the 20% darker color. If you saturate the color by 10%, you get **47, 36.880, 5.897**, and if you desaturate by 10%, it is **55, 21.551, 2.490**.

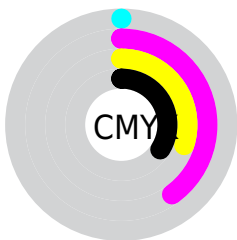
Distribution



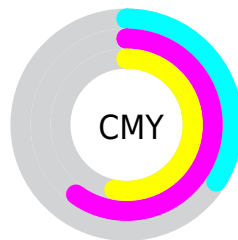
- Red (66%)
- Green (40%)
- Blue (47%)



- Red (66%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (40%)
- Yellow (30%)
- Black (34%)



- Cyan (34%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 29.237, 4.021 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 51, 29.237, 4.021 by changing the saturation by 10% instead.

■ 51, 29.237, 4.021 ■ 51, 29.237, 4.021

■ 100, 29.237, 4.021 ■ 41, 29.237, 4.021

■ 71, 29.237, 4.021 ■ 31, 29.237, 4.021

■ 81, 29.237, 4.021 ■ 21, 29.237, 4.021

■ 91, 29.237, 4.021 ■ 11, 29.237, 4.021

■ 1, 29.237, 4.021

■ 0, 29.237, 4.021

■ 51, 29.237, 4.021 ■ 51, 29.237, 4.021

■ 47, 36.880, 5.897 ■ 55, 21.551, 2.490

■ 43, 44.224, 8.230 ■ 60, 14.012, 1.205

40, 50.954, 11.169

65, 6.730, 0.090

38, 56.782, 14.872

69, 0.239, 181.038

36, 61.577, 19.439

74, 6.876, 178.465

35, 65.700, 24.574

79, 13.185,
177.708

35, 65.856, 24.748

84, 19.181,
177.047

89, 24.888,
176.454

94, 30.332,
175.916

Harmonies

Complementary

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



51, 29.237, 4.021



65, 25.445, 175.323

Rectangle

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



51, 29.237, 4.021



51, 29.237, 54.021



51, 29.237, 184.021



51, 29.237, 234.021

Sweetspot

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



51, 29.235, 4.024



80, 10.413, 0.366



51, 42.535, 318.446



42, 6.915, 0.500



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



51, 29.235, 4.024



61, 44.068, 5.736



54, 24.659, 42.625



33, 3.933, 0.051



30, 59.440, 24.062



1, 6.922, 1.858

Inverse Universe

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



51, 29.235, 4.024



61, 44.068, 5.736



60, 18.773, 226.336



33, 3.933, 0.051



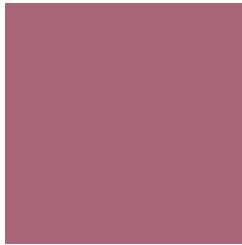
30, 59.440, 24.062



1, 6.922, 1.858

Previews

White Background



This preview shows how the CIE LCh color 51, 29.237, 4.021 looks on a white background.

Color Contrast Check

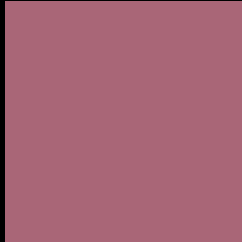
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 29.237, 4.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

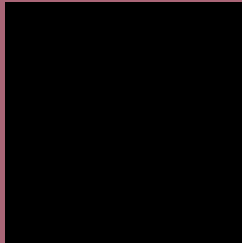
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 29.237, 4.021

Background



This preview shows how black text looks on a background with the CIELCh color 51, 29.237, 4.021.



This preview shows how white text looks on a background with the CIELCh color 51, 29.237, 4.021.

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

51, 29.237, 4.021

Protanopia

51, 5.269, 295.093

Deuteranopia

51, 7.561, 28.969



Tritanopia
51, 27.931, 13.718

Trichromacy



Original Color
51, 29.237, 4.021

Protanomaly
51, 12.270, 346.263

Deuteranomaly
51, 15.271, 10.391

Tritanomaly
51, 27.978, 10.200

Monochromacy



Original Color
51, 29.237, 4.021

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 10.410, 1.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 29.237, 4.021 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(169, 102, 119)` looks like.

```
.text, #text, p{  
    color:rgb(169, 102, 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(169, 102, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 102, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 29.237, 4.021 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(169, 102, 119) }
```

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

```
.border{ border-color:rgb(169, 102, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 102, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 102, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 102, 119);  
box-shadow:4px 4px 4px 4px rgb(169, 102,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 29.237, 4.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 102, 119) }
```

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

```
.background{ background-color: rgb(169,  
102, 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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