

Converting Colors

CIELCh(51, 26.249, 75.529)

Have a look what the booklet for
CIELCh(51, 26.249, 75.529) contains.

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Color

CIELCh(51, 26.249, 75.529)

Conversions

Conversions Part 1

Format	Color
Hex	92744E
RGB	146, 116, 78
RGB Percent	57%, 45%, 31%
CMY	0.4260, 0.5437, 0.6928
CMYK	0.00, 0.21, 0.46, 0.43
HSL	34°, 30%, 44%
HSV	34°, 46%, 57%
XYZ	19.5907, 19.2686, 9.9554
YIQ	120.6380, 30.0780, -5.4580

Conversions

Conversions Part 2

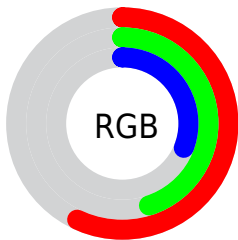
Format	Color
R_{YB}	132, 146, 78
Decimal	9598030
CIE Lab	51.00, 6.56, 25.42
CIE LCh	51, 26.249, 75.529
Yxy	19.2686, 0.4013, 0.3947
Android (android.graphics.Color)	4287788110 (0xFF92744E)
YUV	120.6380, -21.0205, 22.2425
Hunter-Lab	43.8960, 2.8462, 17.2805

Details

The CIELCh color **51, 26.249, 75.529** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45, 24.180, 269.775**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 25.983, 75.721**, and **31, 25.852, 75.743** is the 20% darker color. If you saturate the color by 10%, you get **49, 32.370, 74.165**, and if you desaturate by 10%, it is **53, 20.256, 76.866**.

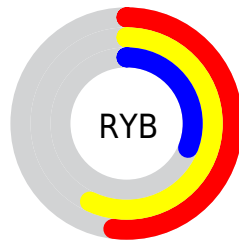
Distribution



Red (57%)

Green (45%)

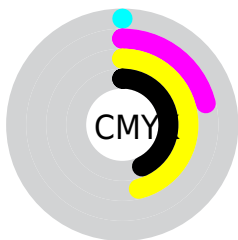
Blue (31%)



Red (52%)

Yellow (57%)

Blue (31%)

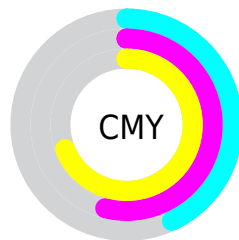


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (43%)



Cyan (43%)

Magenta (54%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 26.249, 75.529 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, 26.249, 75.529 by changing the saturation by 10% instead.

■ 51, 26.249, 75.529

■ 51, 26.249, 75.529

■ 100, 26.249,
75.529

■ 41, 26.249, 75.529

■ 71, 26.249, 75.529

■ 31, 26.249, 75.529

■ 81, 26.249, 75.529

■ 21, 26.249, 75.529

■ 91, 26.249, 75.529

■ 11, 26.249, 75.529

■ 1, 26.249, 75.529

■ 0, 26.249, 75.529

■ 51, 26.249, 75.529

■ 51, 26.249, 75.529

■ 49, 32.370, 74.165

■ 53, 20.256, 76.866

■ 47, 38.497, 72.732

■ 55, 14.443, 78.168

45, 44.386, 71.167

57, 8.828, 79.436

44, 49.597, 69.331

59, 3.409, 80.638

42, 53.642, 67.069

61, 1.825, 262.065

41, 55.117, 66.361

64, 6.887, 263.134

66, 11.795,
264.247

68, 16.564,
265.322

70, 21.208,
266.352

Harmonies

Complementary

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



51, 26.249, 75.529



45, 24.180, 269.775

Rectangle

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



51, 26.249, 75.529



51, 26.249, 125.529



51, 26.249, 255.529



51, 26.249, 305.529

Sweetspot

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



51, 26.249, 75.534



74, 9.286, 79.708



42, 32.795, 351.438



39, 6.485, 79.462



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



51, 26.249, 75.534



63, 39.948, 74.069



59, 37.301, 108.179



30, 3.010, 80.324



39, 52.691, 66.575



2, 2.600, 81.498

Inverse Universe

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



45, 24.180, 269.775



54, 36.183, 272.696



37, 42.077, 297.887



29, 2.972, 262.747



27, 49.957, 288.228



1, 2.601, 261.509

Previews

White Background



This preview shows how the CIELCh color 51, 26.249, 75.529 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 51, 26.249, 75.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

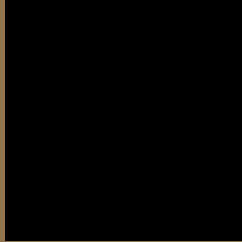
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 26.249, 75.529

Background



This preview shows how black text looks on a background with the CIELCh color 51, 26.249, 75.529.



This preview shows how white text looks on a background with the CIELCh color 51, 26.249, 75.529.

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, 26.249, 75.529

Protanopia

51, 24.547, 96.418

Deuteranopia

51, 26.515, 74.701



Tritanopia
51, 16.909, 3.648

Trichromacy



Original Color
51, 26.249, 75.529

Protanomaly
51, 24.921, 88.974

Deuteranomaly
51, 26.515, 74.701

Tritanomaly
51, 16.359, 37.388

Monochromacy



Original Color
51, 26.249, 75.529

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 9.396, 79.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 26.249, 75.529 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(146, 116, 78)` looks like.

```
.text, #text, p{  
    color:rgb(146, 116, 78)  
}
```

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(146, 116, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 116, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 26.249, 75.529 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(146, 116, 78) }
```

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

```
.border{ border-color:rgb(146, 116, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 116, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 116, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 116, 78);  
box-shadow:4px 4px 4px 4px rgb(146, 116,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 26.249, 75.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 116, 78) }
```

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

```
.background{ background-color: rgb(146,  
116, 78) }
```

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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