

Converting Colors

CIELCh(51, 24.602, 40.092)

Have a look what the booklet for
CIELCh(51, 24.602, 40.092) contains.

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Color

CIELCh(51, 24.480, 40.892)

Conversions

Conversions Part 1

Format	Color
Hex	A06D5F
RGB	160, 109, 95
RGB Percent	63%, 43%, 37%
CMY	0.3722, 0.5722, 0.6271
CMYK	0.00, 0.32, 0.41, 0.37
HSL	13°, 26%, 50%
HSV	13°, 41%, 63%
XYZ	22.0653, 19.2686, 13.4039
YIQ	122.6530, 34.8900, 6.4580

Conversions

Conversions Part 2

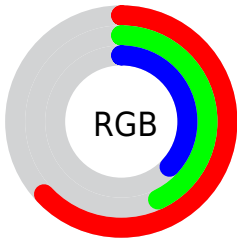
Format	Color
R _Y B	160, 113, 95
Decimal	10513759
CIE Lab	51.00, 18.51, 16.03
CIE LCh	51, 24.480, 40.892
Yxy	19.2686, 0.4031, 0.3520
Android (android.graphics.Color)	4288703839 (0xFFA06D5F)
YUV	122.6530, -13.6329, 32.7533
Hunter-Lab	43.8960, 12.9090, 12.6227

Details

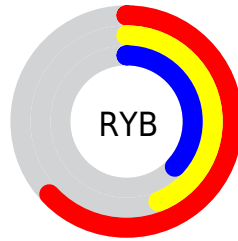
The CIELCh color **51, 24.480, 40.892** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 18.420, 223.888**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 24.443, 41.802**, and **31, 24.222, 40.801** is the 20% darker color. If you saturate the color by 10%, you get **48, 31.744, 41.189**, and if you desaturate by 10%, it is **55, 17.715, 40.785**.

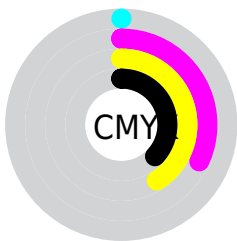
Distribution



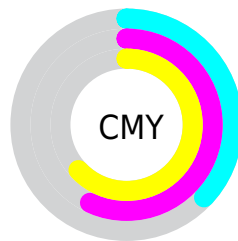
- Red (63%)
- Green (43%)
- Blue (37%)



- Red (63%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (37%)



- Cyan (37%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 24.480, 40.892 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, 24.480, 40.892 by changing the saturation by 10% instead.

■ 51, 24.480, 40.892

■ 51, 24.480, 40.892

■ 100, 24.480,
40.892

■ 41, 24.480, 40.892

■ 71, 24.480, 40.892

■ 31, 24.480, 40.892

■ 81, 24.480, 40.892

■ 21, 24.480, 40.892

■ 91, 24.480, 40.892

■ 11, 24.480, 40.892

■ 1, 24.480, 40.892

■ 0, 24.480, 40.892

■ 51, 24.480, 40.892

■ 51, 24.480, 40.892

■ 48, 31.744, 41.189

■ 55, 17.715, 40.785

■ 44, 39.467, 41.686

■ 58, 11.450, 40.815

42, 47.524, 42.378

62, 5.661, 40.936

39, 55.631, 43.172

66, 0.309, 39.792

37, 63.148, 43.767

70, 4.648, 221.685

35, 69.312, 44.260

73, 9.252, 222.002

77, 13.546,
222.384

81, 17.567,
222.795

85, 21.348,
223.221

Harmonies

Complementary

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



51, 24.480, 40.892



58, 18.420, 223.888

Rectangle

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



51, 24.480, 40.892



51, 24.480, 90.892



51, 24.480, 220.892



51, 24.480, 270.892

Sweetspot

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



51, 24.479, 40.897



78, 8.012, 40.914



49, 38.476, 333.133



40, 5.329, 40.898



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 24.479, 40.897



62, 38.103, 41.164



59, 26.983, 88.595



32, 2.971, 40.954



31, 63.241, 44.262



2, 3.782, 39.976

Inverse Universe

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



58, 18.420, 223.888



72, 26.476, 225.064



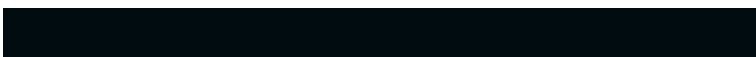
48, 27.243, 280.249



32, 2.811, 221.703



44, 28.710, 237.973



3, 3.710, 225.293

Previews

White Background



This preview shows how the CIELCh color 51, 24.480, 40.892 looks on a white background.

Color Contrast Check

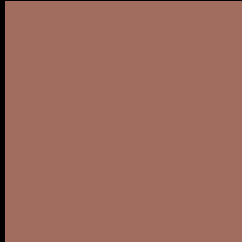
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.480, 40.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

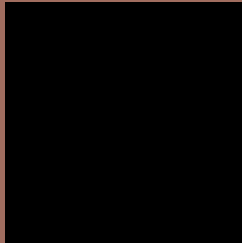
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 24.480, 40.892

Background



This preview shows how black text looks on a background with the CIELCh color 51, 24.480, 40.892.



This preview shows how white text looks on a background with the CIELCh color 51, 24.480, 40.892.

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, 24.480, 40.892

Protanopia

51, 12.519, 94.717

Deuteranopia

51, 17.799, 68.072



Tritanopia
51, 24.003, 11.528

Trichromacy



Original Color
51, 24.480, 40.892

Protanomaly
51, 14.608, 65.355

Deuteranomaly
51, 19.695, 56.363

Tritanomaly
51, 23.326, 22.277

Monochromacy



Original Color
51, 24.480, 40.892

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 8.086, 41.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 24.480, 40.892 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(160, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(160, 109, 95)  
}
```

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(160, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 109, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 24.480, 40.892 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(160, 109, 95) }
```

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

```
.border{ border-color:rgb(160, 109, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 109, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(160, 109,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 24.480, 40.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 109, 95) }
```

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

```
.background{ background-color: rgb(160,  
109, 95) }
```

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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