

Converting Colors

CIELCh(48, 25.764, 60.201)

Have a look what the booklet for
CIELCh(48, 25.764, 60.201) contains.

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Color

CIELCh(48, 25.624, 60.002)

Conversions

Conversions Part 1

Format	Color
Hex	92694D
RGB	146, 105, 77
RGB Percent	57%, 41%, 30%
CMY	0.4269, 0.5877, 0.6975
CMYK	0.00, 0.28, 0.47, 0.43
HSL	24°, 31%, 44%
HSV	24°, 47%, 57%
XYZ	18.2915, 16.7945, 9.3237
YIQ	114.0670, 33.4240, -0.0160

Conversions

Conversions Part 2

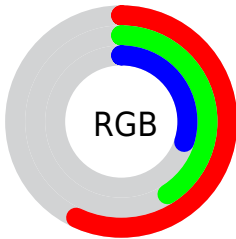
Format	Color
R_{YB}	146, 124, 77
Decimal	9595213
CIE _{Lab}	48.00, 12.81, 22.19
CIE _{LCh}	48, 25.624, 60.002
Yxy	16.7945, 0.4119, 0.3782
Android (android.graphics.Color)	4287785293 (0xFF92694D)
YUV	114.0670, -18.2740, 28.0052
Hunter-Lab	40.9810, 7.9548, 15.1976

Details

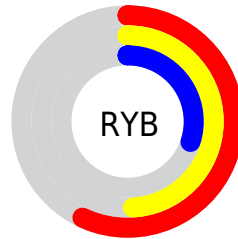
The CIELCh color **48, 25.624, 60.002** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48, 20.643, 252.239**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 25.854, 59.602**, and **28, 25.618, 60.630** is the 20% darker color. If you saturate the color by 10%, you get **46, 31.992, 59.126**, and if you desaturate by 10%, it is **51, 19.579, 60.921**.

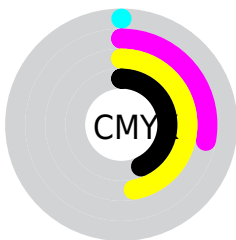
Distribution



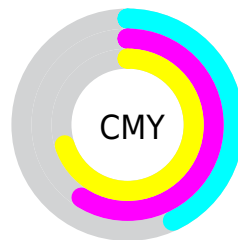
- Red (57%)
- Green (41%)
- Blue (30%)



- Red (57%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (43%)





















- Cyan (43%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 25.624, 60.002 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 48, 25.624, 60.002 by changing the saturation by 10% instead.

 48, 25.624, 60.002	 48, 25.624, 60.002
 100, 25.624, 60.002	 38, 25.624, 60.002
 68, 25.624, 60.002	 28, 25.624, 60.002
 78, 25.624, 60.002	 18, 25.624, 60.002
 88, 25.624, 60.002	 8, 25.624, 60.002
 98, 25.624, 60.002	 0, 25.624, 60.002

 48, 25.624, 60.002	 48, 25.624, 60.002
 46, 31.992, 59.126	 51, 19.579, 60.921
 43, 38.604, 58.254	 53, 13.879, 61.868

■ 41, 45.263, 57.313

■ 56, 8.515, 62.834

■ 39, 51.545, 56.120

■ 59, 3.464, 63.774

■ 37, 56.960, 54.530

■ 61, 1.301, 245.147

■ 37, 58.586, 54.266

■ 64, 5.811, 245.938

■ 67, 10.094,
246.899

■ 70, 14.176,
247.854

■ 73, 18.083,
248.788

Harmonies

Complementary

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



48, 25.624, 60.002



48, 20.643, 252.239

Rectangle

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



48, 25.624, 60.002



48, 25.624, 110.002



48, 25.624, 240.002



48, 25.624, 290.002

Sweetspot

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



48, 25.624, 60.007



73, 8.542, 63.117



42, 36.137, 342.751



38, 5.980, 62.926



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



48, 25.624, 60.007



59, 39.793, 59.041



57, 34.588, 100.904



30, 2.752, 63.596



34, 56.007, 54.482



1, 2.352, 64.592

Inverse Universe

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



48, 20.643, 252.239



58, 30.253, 255.216



38, 38.166, 292.732



30, 2.660, 245.683



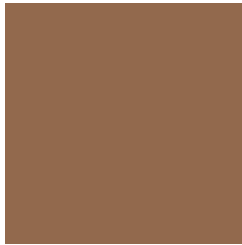
34, 36.983, 271.827



1, 2.353, 244.608

Previews

White Background



This preview shows how the CIELCh color 48, 25.624, 60.002 looks on a white background.

Color Contrast Check

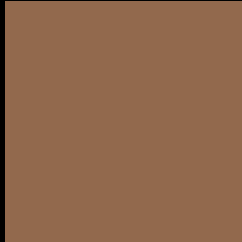
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 25.624, 60.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

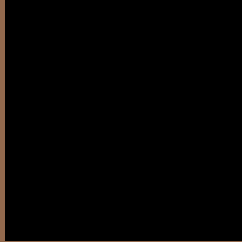
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 25.624, 60.002

Background



This preview shows how black text looks on a background with the CIELCh color 48, 25.624, 60.002.



This preview shows how white text looks on a background with the CIELCh color 48, 25.624, 60.002.

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

48, 25.624, 60.002

Protanopia

48, 19.680, 95.652

Deuteranopia

48, 23.523, 74.115



Tritanopia
48, 20.819, 9.324

Trichromacy



Original Color
48, 25.624, 60.002

Protanomaly
48, 20.432, 81.175

Deuteranomaly
48, 24.240, 69.883

Tritanomaly
48, 20.276, 31.633

Monochromacy



Original Color
48, 25.624, 60.002

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 8.738, 61.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 25.624, 60.002 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, 105, 77)` looks like.

```
.text, #text, p{  
    color:rgb(146, 105, 77)  
}
```

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, 105, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 105, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 25.624, 60.002 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, 105, 77) }
```

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

```
.border{ border-color:rgb(146, 105, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 105, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 105, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 105, 77);  
box-shadow:4px 4px 4px 4px rgb(146, 105,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 25.624, 60.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 105, 77) }
```

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

```
.background{ background-color: rgb(146,  
105, 77) }
```

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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