

Converting Colors

CIELCh(48, 41.544, 61.823)

Have a look what the booklet for
CIELCh(48, 41.544, 61.823) contains.

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Color

CIELCh(48, 41.624, 61.779)

Conversions

Conversions Part 1

Format	Color
Hex	A06434
RGB	160, 100, 52
RGB Percent	63%, 39%, 20%
CMY	0.3731, 0.6083, 0.7966
CMYK	0.00, 0.38, 0.68, 0.37
HSL	27°, 51%, 42%
HSV	27°, 68%, 63%
XYZ	19.6290, 16.7945, 5.4415
YIQ	112.4680, 51.1680, -2.2080

Conversions

Conversions Part 2

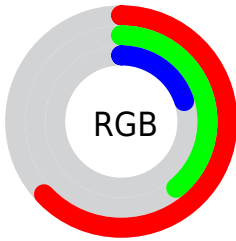
Format	Color
R_{YB}	160, 138, 52
Decimal	10511412
CIE _{Lab}	48.00, 19.68, 36.68
CIE _{LCh}	48, 41.624, 61.779
Yxy	16.7945, 0.4689, 0.4012
Android (android.graphics.Color)	4288701492 (0xFFA06434)
YUV	112.4680, -29.8107, 41.6856
Hunter-Lab	40.9810, 13.7809, 20.8142

Details

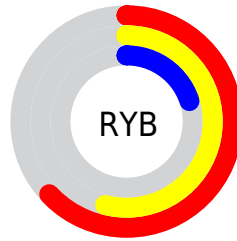
The CIELCh color **48, 41.624, 61.779** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45, 31.812, 263.562**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 41.712, 61.885**, and **28, 41.754, 62.162** is the 20% darker color. If you saturate the color by 10%, you get **46, 48.535, 60.581**, and if you desaturate by 10%, it is **50, 34.661, 62.875**.

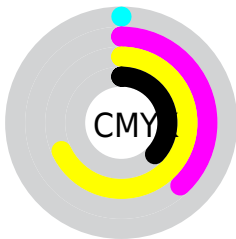
Distribution



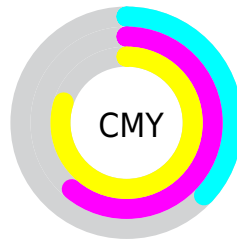
- Red (63%)
- Green (39%)
- Blue (20%)



- Red (63%)
- Yellow (54%)
- Blue (20%)



- Cyan (0%)
- Magenta (38%)
- Yellow (68%)
- Black (37%)



- Cyan (37%)
- Magenta (61%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 41.624, 61.779 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, 41.624, 61.779 by changing the saturation by 10% instead.

■ 48, 41.624, 61.779 ■ 48, 41.624, 61.779

■ 100, 41.624, 61.779 ■ 38, 41.624, 61.779

■ 68, 41.624, 61.779 ■ 28, 41.624, 61.779

■ 78, 41.624, 61.779 ■ 18, 41.624, 61.779

■ 88, 41.624, 61.779 ■ 8, 41.624, 61.779

■ 98, 41.624, 61.779 ■ 0, 41.624, 61.779

■ 48, 41.624, 61.779 ■ 48, 41.624, 61.779

■ 46, 48.535, 60.581 ■ 50, 34.661, 62.875

■ 44, 54.899, 59.078 ■ 53, 27.891, 63.945

42, 60.135, 57.086

56, 21.418, 65.022

41, 61.484, 56.705

58, 15.276, 66.112

61, 9.462, 67.206

64, 3.958, 68.264

67, 1.263, 249.729

69, 6.229, 250.594

72, 10.969,
251.631

Harmonies

Complementary

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



48, 41.624, 61.779



45, 31.812, 263.562

Rectangle

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



48, 41.624, 61.779



48, 41.624, 111.779



48, 41.624, 241.779



48, 41.624, 291.779

Sweetspot

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



48, 41.623, 61.783



76, 13.394, 66.897



40, 51.619, 347.515



40, 9.279, 66.608



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



48, 41.623, 61.783



57, 62.664, 59.891



62, 52.635, 100.722



32, 2.954, 68.093



37, 56.467, 57.099



2, 3.744, 66.482

Inverse Universe

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



45, 31.812, 263.562



53, 45.849, 269.525



30, 63.444, 298.764



32, 2.869, 250.353



33, 41.131, 276.971



2, 3.852, 252.464

Previews

White Background



This preview shows how the CIELCh color 48, 41.624, 61.779 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 CIELCh color 48, 41.624, 61.779 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, 41.624, 61.779

Background



This preview shows how black text looks on a background with the CIELCh color 48, 41.624, 61.779.



This preview shows how white text looks on a background with the CIELCh color 48, 41.624, 61.779.

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, 41.624, 61.779

Protanopia

48, 34.114, 95.997

Deuteranopia

48, 37.765, 80.439



Tritanopia
48, 30.089, 15.981

Trichromacy



Original Color
48, 41.624, 61.779

Protanomaly
48, 34.872, 82.251

Deuteranomaly
48, 38.362, 73.626

Tritanomaly
48, 31.638, 36.697

Monochromacy



Original Color
48, 41.624, 61.779

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 14.232, 67.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 41.624, 61.779 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, 100, 52)` looks like.

```
.text, #text, p{  
    color:rgb(160, 100, 52)  
}
```

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, 100, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 100, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 41.624, 61.779 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, 100, 52) }
```

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

```
.border{ border-color:rgb(160, 100, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 100, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 100, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 100, 52);  
box-shadow:4px 4px 4px 4px rgb(160, 100,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 41.624, 61.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 100, 52) }
```

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

```
.background{ background-color: rgb(160,  
100, 52) }
```

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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