

Converting Colors

CIELCh(48, 36.896, 37.590)

Have a look what the booklet for
CIELCh(48, 36.896, 37.590) contains.

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Color

CIELCh(48, 36.882, 37.146)

Conversions

Conversions Part 1

Format	Color
Hex	A95D4E
RGB	169, 93, 78
RGB Percent	66%, 36%, 31%
CMY	0.3375, 0.6355, 0.6943
CMYK	0.00, 0.45, 0.54, 0.34
HSL	10°, 37%, 48%
HSV	10°, 54%, 66%
XYZ	21.6292, 16.7945, 9.2984
YIQ	114.0140, 50.1110, 11.4470

Conversions

Conversions Part 2

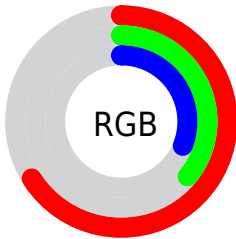
Format	Color
R _Y B	169, 96, 78
Decimal	11099470
CIE Lab	48.00, 29.40, 22.27
CIE LCh	48, 36.882, 37.146
Yxy	16.7945, 0.4532, 0.3519
Android (android.graphics.Color)	4289289550 (0xFFA95D4E)
YUV	114.0140, -17.7549, 48.2227
Hunter-Lab	40.9810, 22.4930, 15.2341

Details

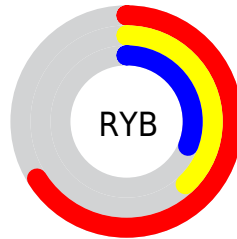
The CIELCh color **48, 36.882, 37.146** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **59, 24.377, 218.106**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 36.939, 36.915**, and **28, 36.941, 37.733** is the 20% darker color. If you saturate the color by 10%, you get **45, 45.289, 38.173**, and if you desaturate by 10%, it is **52, 28.896, 36.401**.

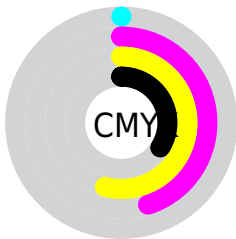
Distribution



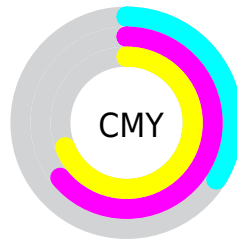
- Red (66%)
- Green (36%)
- Blue (31%)



- Red (66%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (54%)
- Black (34%)



- Cyan (34%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 36.882, 37.146 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, 36.882, 37.146 by changing the saturation by 10% instead.

■ 48, 36.882, 37.146

■ 48, 36.882, 37.146

■ 100, 36.882,
37.146

■ 38, 36.882, 37.146

■ 68, 36.882, 37.146

■ 28, 36.882, 37.146

■ 78, 36.882, 37.146

■ 18, 36.882, 37.146

■ 88, 36.882, 37.146

■ 8, 36.882, 37.146

■ 98, 36.882, 37.146

■ 0, 36.882, 37.146

■ 48, 36.882, 37.146

■ 48, 36.882, 37.146

■ 45, 45.289, 38.173

■ 52, 28.896, 36.401

■ 42, 53.927, 39.454

■ 55, 21.422, 35.896

39, 62.379, 40.843

59, 14.485, 35.588

37, 69.735, 41.884

63, 8.075, 35.424

36, 73.745, 42.647

68, 2.159, 35.244

72, 3.304, 215.693

76, 8.362, 215.750

80, 13.059,
215.924

85, 17.439,
216.146

Harmonies

Complementary

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



48, 36.882, 37.146



59, 24.377, 218.106

Rectangle

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



48, 36.882, 37.146



48, 36.882, 87.146



48, 36.882, 217.146



48, 36.882, 267.146

Sweetspot

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



48, 36.880, 37.150



79, 11.641, 35.454



47, 53.817, 332.137



41, 7.911, 35.482



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



48, 36.880, 37.150



57, 57.421, 38.448



59, 36.295, 82.657



33, 3.226, 35.372



32, 66.346, 42.599



2, 5.782, 32.967

Inverse Universe

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



59, 24.377, 218.106



74, 33.714, 219.732



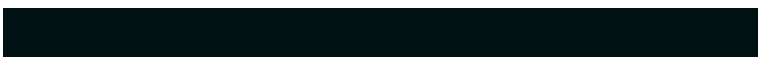
46, 35.745, 279.837



35, 3.044, 215.687



48, 29.006, 227.267



4, 5.518, 221.677

Previews

White Background



This preview shows how the CIELCh color 48, 36.882, 37.146 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, 36.882, 37.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

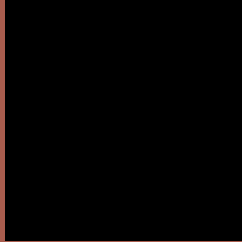
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 36.882, 37.146

Background



This preview shows how black text looks on a background with the CIELCh color 48, 36.882, 37.146.



This preview shows how white text looks on a background with the CIELCh color 48, 36.882, 37.146.

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, 36.882, 37.146

Protanopia

48, 16.185, 95.358

Deuteranopia

48, 24.299, 73.836



Tritanopia
48, 35.052, 17.963

Trichromacy



Original Color
48, 36.882, 37.146

Protanomaly
48, 20.104, 60.095

Deuteranomaly
48, 27.223, 56.150

Tritanomaly
48, 35.423, 25.212

Monochromacy



Original Color
48, 36.882, 37.146

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 12.503, 34.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 36.882, 37.146 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, 93, 78)` looks like.

```
.text, #text, p{  
    color:rgb(169, 93, 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(169, 93, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 93, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 36.882, 37.146 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, 93, 78) }
```

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

```
.border{ border-color:rgb(169, 93, 78) }
```

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

Here you see how a box with a 4 pixel rgb(169, 93, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 93, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 93, 78);  
box-shadow:4px 4px 4px 4px rgb(169, 93,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 36.882, 37.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 93, 78) }
```

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

```
.background{ background-color: rgb(169, 93,  
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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