

Converting Colors

CIELCh(49, 28.835, 41.706)

Have a look what the booklet for
CIELCh(49, 28.835, 41.706) contains.

CIELCh(49, 28.784, 42.091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(49, 28.784, 42.091)

Conversions

Conversions Part 1

Format	Color
Hex	A06655
RGB	160, 102, 85
RGB Percent	63%, 40%, 33%
CMY	0.3731, 0.6004, 0.6671
CMYK	0.00, 0.36, 0.47, 0.37
HSL	14°, 31%, 48%
HSV	14°, 47%, 63%
XYZ	20.8464, 17.5941, 10.8683
YIQ	117.4040, 40.0250, 7.0090

Conversions

Conversions Part 2

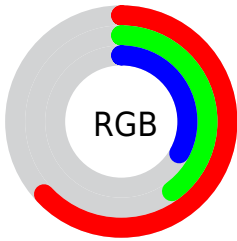
Format	Color
RYB	160, 107, 85
Decimal	10511957
CIELab	49.00, 21.36, 19.29
CIELCh	49, 28.784, 42.091
Yxy	17.5941, 0.4228, 0.3568
Android (android.graphics.Color)	4288702037 (0xFFA06655)
YUV	117.4040, -15.9752, 37.3567
Hunter-Lab	41.9453, 15.3085, 13.9993

Details

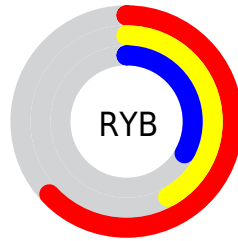
The CIELCh color **49, 28.784, 42.091** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56, 20.616, 226.303**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 28.878, 41.258**, and **29, 28.890, 41.370** is the 20% darker color. If you saturate the color by 10%, you get **46, 36.290, 42.426**, and if you desaturate by 10%, it is **52, 21.755, 41.951**.

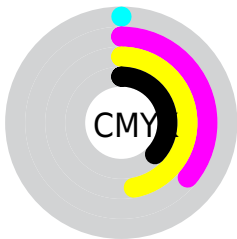
Distribution



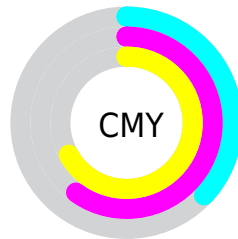
- Red (63%)
- Green (40%)
- Blue (33%)



- Red (63%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 28.784, 42.091 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 49, 28.784, 42.091 by changing the saturation by 10% instead.

■ 49, 28.784, 42.091

■ 49, 28.784, 42.091

■ 100, 28.784,
42.091

■ 39, 28.784, 42.091

■ 69, 28.784, 42.091

■ 29, 28.784, 42.091

■ 79, 28.784, 42.091

■ 19, 28.784, 42.091

■ 89, 28.784, 42.091

■ 9, 28.784, 42.091

■ 99, 28.784, 42.091

■ 0, 28.784, 42.091

■ 49, 28.784, 42.091

■ 49, 28.784, 42.091

■ 46, 36.290, 42.426

■ 52, 21.755, 41.951

■ 43, 44.192, 42.947

■ 56, 15.228, 41.964

40, 52.281, 43.604

60, 9.189, 42.097

38, 60.085, 44.192

63, 3.606, 42.274

36, 66.790, 44.382

67, 1.561, 223.020

35, 68.889, 44.668

71, 6.355, 223.186

75, 10.817,
223.579

78, 14.988,
224.016

82, 18.902,
224.473

Harmonies

Complementary

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



49, 28.784, 42.091



56, 20.616, 226.303

Rectangle

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



49, 28.784, 42.091



49, 28.784, 92.091



49, 28.784, 222.091



49, 28.784, 272.091

Sweetspot

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



49, 28.783, 42.096



77, 9.372, 42.145



47, 43.505, 334.233



40, 6.510, 42.107



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



49, 28.783, 42.096



59, 44.471, 42.434



58, 31.614, 89.039



32, 2.955, 42.240



32, 62.944, 44.702



2, 3.762, 41.228

Inverse Universe

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



56, 20.616, 226.303



70, 29.124, 227.944



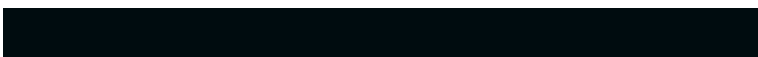
45, 32.355, 282.807



32, 2.798, 223.086



43, 28.935, 240.354



3, 3.696, 226.738

Previews

White Background



This preview shows how the CIELCh color 49, 28.784, 42.091 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 49, 28.784, 42.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

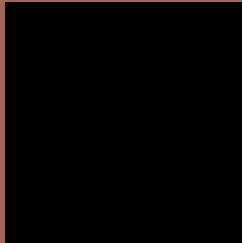
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 28.784, 42.091

Background



This preview shows how black text looks on a background with the CIELCh color 49, 28.784, 42.091.



This preview shows how white text looks on a background with the CIELCh color 49, 28.784, 42.091.

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

49, 28.784, 42.091

Protanopia

49, 15.449, 96.672

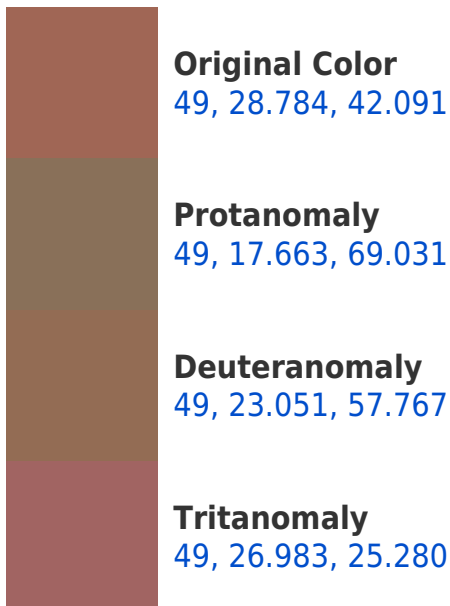
Deuteranopia

49, 21.137, 72.363



Tritanopia
49, 27.266, 14.646

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 28.784, 42.091 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, 102, 85)` looks like.

```
.text, #text, p{  
    color:rgb(160, 102, 85)  
}
```

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, 102, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 102, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 28.784, 42.091 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, 102, 85) }
```

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

```
.border{ border-color:rgb(160, 102, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 102, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 102, 85); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 102, 85); box-shadow:4px 4px 4px 4px rgb(160, 102, 85) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 28.784, 42.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 102, 85) }
```

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

```
.background{ background-color: rgb(160,  
102, 85) }
```

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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