

Converting Colors

CIELCh(48, 29.301, 1.374)

Have a look what the booklet for
CIELCh(48, 29.301, 1.374) contains.

CIELCh(48, 29.519, 0.669)	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(48, 29.519, 0.669)

Conversions

Conversions Part 1

Format	Color
Hex	A05E72
RGB	160, 94, 114
RGB Percent	63%, 37%, 45%
CMY	0.3712, 0.6301, 0.5517
CMYK	0.00, 0.41, 0.29, 0.37
HSL	342°, 26%, 50%
HSV	342°, 41%, 63%
XYZ	21.6544, 16.7945, 18.1155
YIQ	116.0140, 32.9160, 20.2120

Conversions

Conversions Part 2

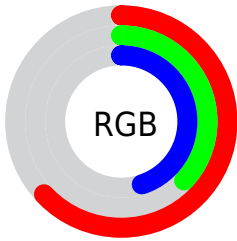
Format	Color
R_{YB}	160, 94, 114
Decimal	10509938
CIE _{Lab}	48.00, 29.52, 0.34
CIE _{LCh}	48, 29.519, 0.669
Yxy	16.7945, 0.3828, 0.2969
Android (android.graphics.Color)	4288700018 (0xFFA05E72)
YUV	116.0140, -0.9929, 38.5757
Hunter-Lab	40.9810, 22.6027, 2.4778

Details

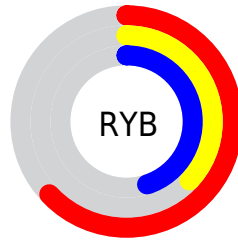
The CIELCh color **48, 29.519, 0.669** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **61, 26.185, 171.588**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 29.211, 0.645**, and **28, 29.126, 0.932** is the 20% darker color. If you saturate the color by 10%, you get **44, 36.763, 2.512**, and if you desaturate by 10%, it is **52, 22.131, 359.155**.

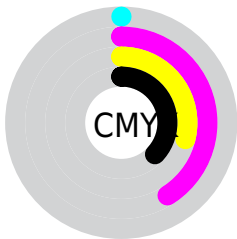
Distribution



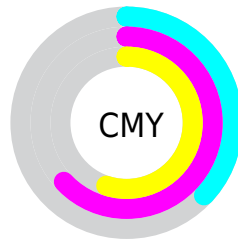
- Red (63%)
- Green (37%)
- Blue (45%)



- Red (63%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (29%)
- Black (37%)






















- Cyan (37%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 29.519, 0.669 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, 29.519, 0.669 by changing the saturation by 10% instead.

 48, 29.519, 0.669	 48, 29.519, 0.669
 100, 29.519, 0.669	 38, 29.519, 0.669
 68, 29.519, 0.669	 28, 29.519, 0.669
 78, 29.519, 0.669	 18, 29.519, 0.669
 88, 29.519, 0.669	 8, 29.519, 0.669
 98, 29.519, 0.669	 0, 29.519, 0.669

 48, 29.519, 0.669	 48, 29.519, 0.669
 44, 36.763, 2.512	 52, 22.131, 359.155
 41, 43.595, 4.791	
 38, 49.690, 7.656	 56, 14.807, 357.875

36, 54.766, 11.272

61, 7.671, 356.763

34, 58.713, 15.764

65, 0.795, 355.360

33, 61.691, 20.179

70, 5.790, 175.103

75, 12.078,
174.321

79, 18.078,
173.638

84, 23.807,
173.021

89, 29.287,
172.460

Harmonies

Complementary

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



48, 29.519, 0.669



61, 26.185, 171.588

Rectangle

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



48, 29.519, 0.669



48, 29.519, 50.669



48, 29.519, 180.669



48, 29.519, 230.669

Sweetspot

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



48, 29.517, 0.671



77, 10.244, 356.875



47, 41.964, 316.929



40, 6.797, 357.002



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, 29.517, 0.671



58, 43.702, 2.262



50, 25.395, 37.904



31, 3.821, 356.558



29, 56.502, 19.560



1, 4.871, 356.847

Inverse Universe

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



48, 29.517, 0.671



58, 43.702, 2.262



58, 18.887, 219.457



31, 3.821, 356.558



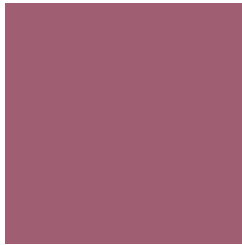
29, 56.502, 19.560



1, 4.871, 356.847

Previews

White Background



This preview shows how the CIELCh color 48, 29.519, 0.669 looks on a white background.

Color Contrast Check

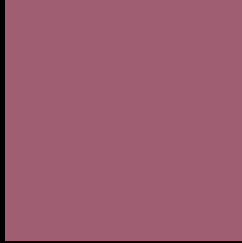
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.519, 0.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

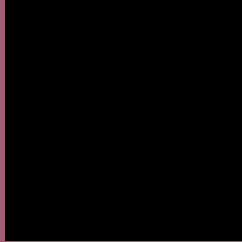
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 29.519, 0.669

Background



This preview shows how black text looks on a background with the CIELCh color 48, 29.519, 0.669.



This preview shows how white text looks on a background with the CIELCh color 48, 29.519, 0.669.

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, 29.519, 0.669

Protanopia

48, 7.075, 287.985

Deuteranopia

48, 6.239, 20.088



Tritanopia
48, 27.404, 14.760

Trichromacy



Original Color
48, 29.519, 0.669

Protanomaly
48, 12.822, 337.517

Deuteranomaly
48, 14.380, 4.746

Tritanomaly
48, 27.945, 9.052

Monochromacy



Original Color
48, 29.519, 0.669

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 10.725, 358.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 29.519, 0.669 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, 94, 114)` looks like.

```
.text, #text, p{  
    color:rgb(160, 94, 114)  
}
```

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, 94, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 94, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 29.519, 0.669 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, 94, 114) }
```

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

```
.border{ border-color:rgb(160, 94, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 94, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 94, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 94, 114);  
box-shadow:4px 4px 4px 4px rgb(160, 94,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 29.519, 0.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 94, 114) }
```

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

```
.background{ background-color: rgb(160, 94,  
114) }
```

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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