

Converting Colors

CIELCh(49, 28.560, 15.456)

Have a look what the booklet for
CIELCh(49, 28.560, 15.456) contains.

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Color

CIELCh(49, 28.601, 15.267)

Conversions

Conversions Part 1	
Format	Color
Hex	A46269
RGB	164, 98, 105
RGB Percent	64%, 38%, 41%
CMY	0.3576, 0.6163, 0.5889
CMYK	0.00, 0.40, 0.36, 0.36
HSL	354°, 27%, 51%
HSV	354°, 40%, 64%
XYZ	22.1657, 17.5941, 15.5486
YIQ	118.5320, 37.0890, 16.1690

Conversions

Conversions Part 2

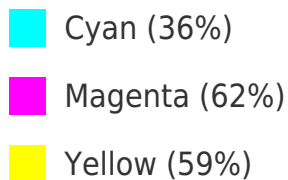
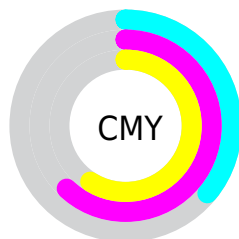
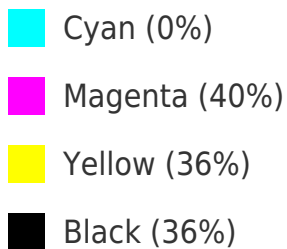
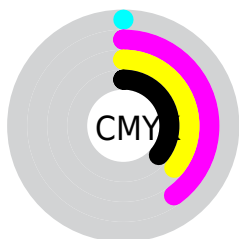
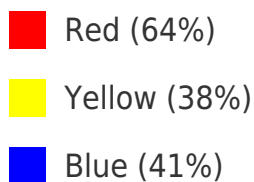
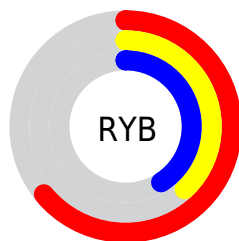
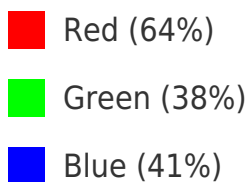
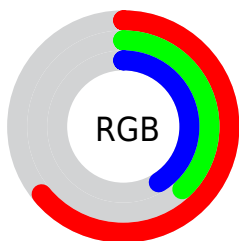
Format	Color
RYB	164, 98, 105
Decimal	10773097
CIELab	49.00, 27.59, 7.53
CIELCh	49, 28.601, 15.267
Yxy	17.5941, 0.4008, 0.3181
Android (android.graphics.Color)	4288963177 (0xFFA46269)
YUV	118.5320, -6.6713, 39.8754
Hunter-Lab	41.9453, 20.9230, 7.3837

Details

The CIELCh color **49, 28.601, 15.267** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 22.923, 187.509**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 28.564, 15.745**, and **29, 28.526, 15.650** is the 20% darker color. If you saturate the color by 10%, you get **45, 36.446, 17.208**, and if you desaturate by 10%, it is **53, 20.946, 13.730**.













Distribution









Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 28.601, 15.267 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, 28.601, 15.267 by changing the saturation by 10% instead.

 49, 28.601, 15.267	 49, 28.601, 15.267
 100, 28.601, 15.267	 39, 28.601, 15.267
 69, 28.601, 15.267	 29, 28.601, 15.267
 79, 28.601, 15.267	 19, 28.601, 15.267
 89, 28.601, 15.267	 9, 28.601, 15.267
 99, 28.601, 15.267	 0, 28.601, 15.267

 49, 28.601, 15.267	 49, 28.601, 15.267
 45, 36.446, 17.208	 53, 20.946, 13.730
 41, 44.283, 19.665	 58, 13.619, 12.486

 39, 51.856, 22.766

 62, 6.689, 11.445


 36, 58.910, 26.577


 67, 0.176, 8.059


 35, 65.228, 30.978


 72, 5.927, 190.055

 34, 70.604, 35.096

 77, 11.645,
189.416

 82, 17.011,
188.884

 87, 22.060,
188.422

 91, 26.826,
188.015

Harmonies

Complementary

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



49, 28.601, 15.267



63, 22.923, 187.509

Rectangle

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



49, 28.601, 15.267



49, 28.601, 65.267



49, 28.601, 195.267



49, 28.601, 245.267

Sweetspot

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



49, 28.599, 15.270



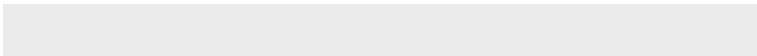
79, 9.777, 11.638



50, 43.382, 323.086



41, 6.499, 11.759



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



49, 28.599, 15.270



59, 43.179, 16.915



55, 23.491, 58.199



32, 3.659, 11.346



30, 64.318, 34.602



1, 5.527, 11.464

Inverse Universe

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



49, 28.599, 15.270



59, 43.179, 16.915



56, 19.274, 247.728



32, 3.659, 11.346



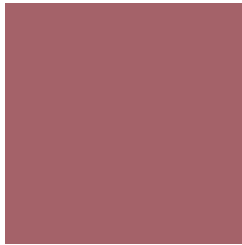
30, 64.318, 34.602



1, 5.527, 11.464

Previews

White Background



This preview shows how the CIELCh color 49, 28.601, 15.267 looks on a white background.

Color Contrast Check

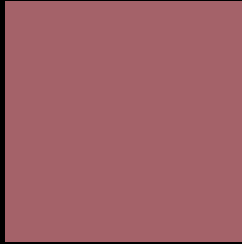
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.601, 15.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

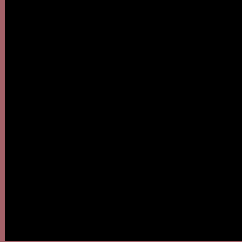
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 28.601, 15.267

Background



This preview shows how black text looks on a background with the CIELCh color 49, 28.601, 15.267.



This preview shows how white text looks on a background with the CIELCh color 49, 28.601, 15.267.

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, 28.601, 15.267

Protanopia

49, 1.346, 45.009

Deuteranopia

49, 10.806, 56.427

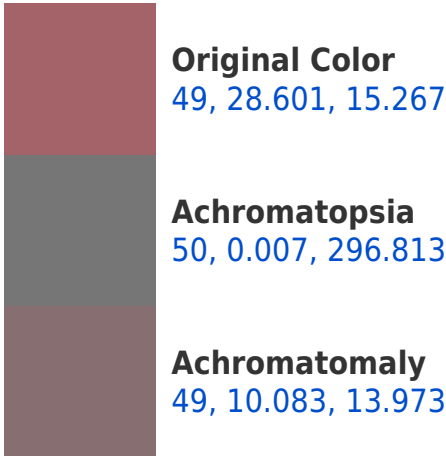


Tritanopia
49, 28.601, 15.267

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 28.601, 15.267 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(164, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(164, 98, 105)  
}
```

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(164, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 98, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 28.601, 15.267 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(164, 98, 105) }
```

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

```
.border{ border-color:rgb(164, 98, 105) }
```

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

Here you see how a box with a 4 pixel rgb(164, 98, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 98, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 98, 105);  
box-shadow:4px 4px 4px 4px rgb(164, 98,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 28.601, 15.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 98, 105) }
```

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

```
.background{ background-color: rgb(164, 98,  
105) }
```

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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