

Converting Colors

CIELCh(49, 28.995, 0.935)

Have a look what the booklet for
CIELCh(49, 28.995, 0.935) contains.

CIELCh(49, 29.027, 0.156)	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, 29.027, 0.156)

Conversions

Conversions Part 1

Format	Color
Hex	A26175
RGB	162, 97, 117
RGB Percent	64%, 38%, 46%
CMY	0.3637, 0.6186, 0.5402
CMYK	0.00, 0.40, 0.28, 0.36
HSL	342°, 26%, 51%
HSV	342°, 40%, 64%
XYZ	22.4773, 17.5941, 19.1164
YIQ	118.7150, 32.3200, 20.0000

Conversions

Conversions Part 2

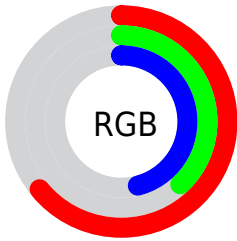
Format	Color
R_{YB}	162, 97, 117
Decimal	10641781
CIE _{Lab}	49.00, 29.03, 0.08
CIE _{LCh}	49, 29.027, 0.156
Yxy	17.5941, 0.3798, 0.2973
Android (android.graphics.Color)	4288831861 (0xFFA26175)
YUV	118.7150, -0.8455, 37.9609
Hunter-Lab	41.9453, 22.2489, 2.3404

Details

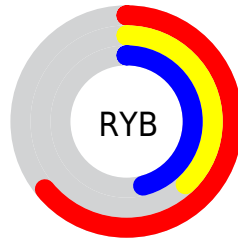
The CIELCh color **49, 29.027, 0.156** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 25.886, 171.387**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 28.757, 0.240**, and **29, 28.629, 0.154** is the 20% darker color. If you saturate the color by 10%, you get **45, 36.366, 1.952**, and if you desaturate by 10%, it is **53, 21.561, 358.675**.

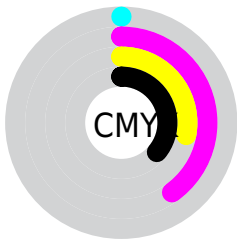
Distribution



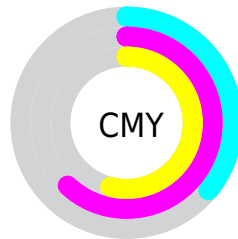
- Red (64%)
- Green (38%)
- Blue (46%)



- Red (64%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (36%)






















- Cyan (36%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 29.027, 0.156 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, 29.027, 0.156 by changing the saturation by 10% instead.

 49, 29.027, 0.156	 49, 29.027, 0.156
 100, 29.027, 0.156	 39, 29.027, 0.156
 69, 29.027, 0.156	 29, 29.027, 0.156
 79, 29.027, 0.156	 19, 29.027, 0.156
 89, 29.027, 0.156	 9, 29.027, 0.156
 99, 29.027, 0.156	 0, 29.027, 0.156

 49, 29.027, 0.156	 49, 29.027, 0.156
 45, 36.366, 1.952	 53, 21.561, 358.675
 42, 43.313, 4.169	
 39, 49.539, 6.952	 58, 14.172, 357.420

36, 54.748, 10.466

62, 6.979, 356.321

35, 58.801, 14.849

67, 0.052, 347.594

34, 62.121, 19.812

71, 6.583, 174.684

76, 12.918,
173.915

81, 18.966,
173.239

86, 24.744,
172.628

90, 30.272,
172.071

Harmonies

Complementary

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



49, 29.027, 0.156



62, 25.886, 171.387

Rectangle

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



49, 29.027, 0.156



49, 29.027, 50.156



49, 29.027, 180.156



49, 29.027, 230.156

Sweetspot

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



49, 29.025, 0.158



78, 10.369, 356.550



48, 41.229, 316.886



41, 6.949, 356.681



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, 29.025, 0.158



59, 43.288, 1.725



51, 24.845, 37.860



32, 3.933, 356.237



30, 57.149, 19.232



1, 5.923, 357.457

Inverse Universe

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



49, 29.025, 0.158



59, 43.288, 1.725



59, 18.646, 219.365



32, 3.933, 356.237



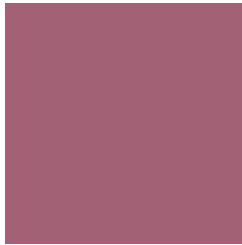
30, 57.149, 19.232



1, 5.923, 357.457

Previews

White Background



This preview shows how the CIELCh color 49, 29.027, 0.156 looks on a white background.

Color Contrast Check

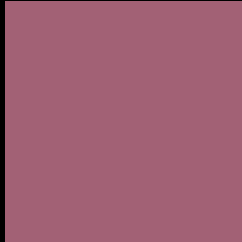
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 29.027, 0.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

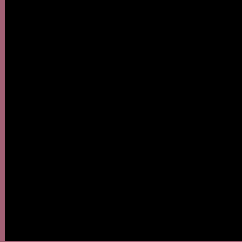
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 29.027, 0.156

Background



This preview shows how black text looks on a background with the CIELCh color 49, 29.027, 0.156.



This preview shows how white text looks on a background with the CIELCh color 49, 29.027, 0.156.

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, 29.027, 0.156

Protanopia

49, 7.049, 291.108

Deuteranopia

49, 6.646, 15.107



Tritanopia
49, 26.832, 13.212

Trichromacy



Original Color
49, 29.027, 0.156

Protanomaly
49, 13.079, 338.786

Deuteranomaly
49, 14.868, 3.056

Tritanomaly
49, 27.464, 7.444

Monochromacy



Original Color
49, 29.027, 0.156

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 10.674, 358.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 29.027, 0.156 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(162, 97, 117)` looks like.

```
.text, #text, p{  
    color:rgb(162, 97, 117)  
}
```

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(162, 97, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 97, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 29.027, 0.156 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(162, 97, 117) }
```

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

```
.border{ border-color:rgb(162, 97, 117) }
```

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

Here you see how a box with a 4 pixel rgb(162, 97, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 97, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 97, 117);  
box-shadow:4px 4px 4px 4px rgb(162, 97,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 29.027, 0.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 97, 117) }
```

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

```
.background{ background-color: rgb(162, 97,  
117) }
```

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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