

Converting Colors

CIELCh(49, 28.809, 353.388)

Have a look what the booklet for
CIELCh(49, 28.809, 353.388)
contains.

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Color

CIELCh(49, 28.809, 353.388)

Conversions

Conversions Part 1

Format	Color
Hex	A0627B
RGB	160, 98, 123
RGB Percent	63%, 38%, 48%
CMY	0.3731, 0.6162, 0.5182
CMYK	0.00, 0.39, 0.23, 0.37
HSL	336°, 25%, 51%
HSV	336°, 39%, 63%
XYZ	22.3881, 17.5941, 20.9089
YIQ	119.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

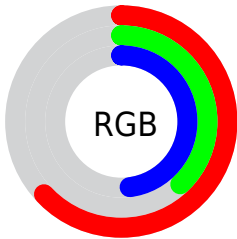
Format	Color
R_{YB}	160, 98, 123
Decimal	10510971
CIE _{Lab}	49.00, 28.62, -3.32
CIE _{LCh}	49, 28.809, 353.388
Yxy	17.5941, 0.3677, 0.2889
Android (android.graphics.Color)	4288701051 (0xFFA0627B)
YUV	119.3880, 1.7807, 35.6167
Hunter-Lab	41.9453, 21.8693, -0.1932

Details

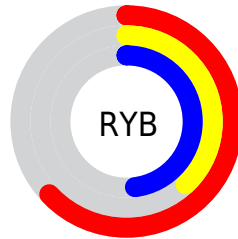
The CIELCh color $49, 28.809, 353.388$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 26.760, 165.348$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 28.560, 353.972$, and $29, 28.552, 354.154$ is the 20% darker color. If you saturate the color by 10%, you get $45, 36.141, 354.937$, and if you desaturate by 10%, it is $53, 21.266, 352.082$.

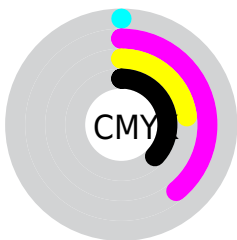
Distribution



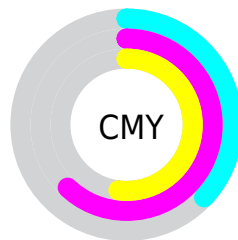
- Red (63%)
- Green (38%)
- Blue (48%)



- Red (63%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (37%)



- Cyan (37%)
- Magenta (62%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 28.809, 353.388 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, 28.809, 353.388 by changing the saturation by 10% instead.

 49, 28.809,
353.388

 49, 28.809,
353.388

 100, 28.809,
353.388

 39, 28.809,
353.388

 69, 28.809,
353.388

 29, 28.809,
353.388

 79, 28.809,
353.388

 19, 28.809,
353.388

 89, 28.809,
353.388

 9, 28.809, 353.388

 99, 28.809,
353.388

 0, 28.809, 353.388

 49, 28.809,

 49, 28.809,

353.388

353.388

45, 36.141,
354.937

53, 21.266,
352.082

42, 42.979,
356.812

57, 13.727,
350.949

39, 48.969,
359.134

62, 6.325, 349.932

36, 53.766, 2.057

66, 0.862, 169.549

35, 57.156, 5.749

71, 7.794, 168.375

34, 59.429, 10.183

76, 14.460,
167.638

34, 59.720, 10.724

80, 20.861,
166.977

85, 27.009,
166.372

90, 32.922,

Harmonies

Complementary

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



49, 28.809, 353.388



61, 26.760, 165.348

Rectangle

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



49, 28.809, 353.388



49, 28.809, 43.388



49, 28.809, 173.388



49, 28.809, 223.388

Sweetspot

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



49, 28.807, 353.390



76, 10.712, 350.275



47, 38.771, 313.645



40, 7.174, 350.396



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, 28.807, 353.390



58, 42.935, 354.786



50, 25.419, 29.153



31, 4.042, 349.978



30, 54.946, 10.177



1, 5.147, 350.502

Inverse Universe

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



49, 28.807, 353.390



58, 42.935, 354.786



60, 19.232, 206.552



31, 4.042, 349.978



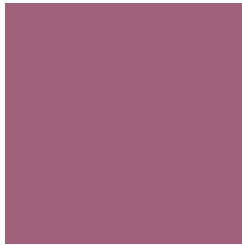
30, 54.946, 10.177



1, 5.147, 350.502

Previews

White Background



This preview shows how the CIELCh color 49, 28.809, 353.388 looks on a white background.

Color Contrast Check

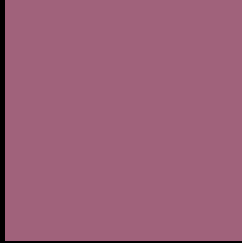
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.809, 353.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

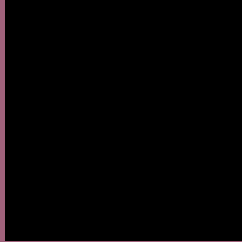
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 28.809, 353.388

Background



This preview shows how black text looks on a background with the CIELCh color 49, 28.809, 353.388.



This preview shows how white text looks on a background with the CIELCh color 49, 28.809, 353.388.

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, 28.809, 353.388

Protanopia

49, 10.582, 287.471

Deuteranopia

49, 7.022, 344.499



Tritanopia
49, 24.608, 13.285

Trichromacy



Original Color
49, 28.809, 353.388

Protanomaly
49, 15.124, 326.573

Deuteranomaly
49, 15.382, 349.264

Tritanomaly
49, 25.759, 6.053

Monochromacy



Original Color
49, 28.809, 353.388

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 10.764, 351.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 28.809, 353.388 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, 98, 123)` looks like.

```
.text, #text, p{  
    color:rgb(160, 98, 123)  
}
```

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, 98, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 98, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 28.809, 353.388 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, 98, 123) }
```

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

```
.border{ border-color:rgb(160, 98, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 98, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 98, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 98, 123);  
box-shadow:4px 4px 4px 4px rgb(160, 98,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 28.809, 353.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 98, 123) }
```

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

```
.background{ background-color: rgb(160, 98,  
123) }
```

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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