

Converting Colors

CIELCh(49, 27.627, 341.635)

Have a look what the booklet for
CIELCh(49, 27.627, 341.635)
contains.

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Color

CIELCh(49, 27.859, 341.278)

Conversions

Conversions Part 1

Format	Color
Hex	996484
RGB	153, 100, 132
RGB Percent	60%, 39%, 52%
CMY	0.3995, 0.6073, 0.4818
CMYK	0.00, 0.35, 0.14, 0.40
HSL	324°, 21%, 50%
HSV	324°, 35%, 60%
XYZ	21.9060, 17.5941, 24.1182
YIQ	119.4950, 21.3160, 21.1880

Conversions

Conversions Part 2

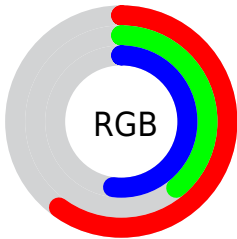
Format	Color
R_{YB}	153, 100, 132
Decimal	10052740
CIE _{Lab}	49.00, 26.38, -8.94
CIE _{LCh}	49, 27.859, 341.278
Yxy	17.5941, 0.3443, 0.2766
Android (android.graphics.Color)	4288242820 (0xFF996484)
YUV	119.4950, 6.1650, 29.3839
Hunter-Lab	41.9453, 19.8178, -4.7296

Details

The CIELCh color $49, 27.859, 341.278$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 27.235, 155.452$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 27.549, 341.340$, and $29, 27.996, 341.004$ is the 20% darker color. If you saturate the color by 10%, you get $45, 35.658, 342.292$, and if you desaturate by 10%, it is $53, 19.797, 340.367$.

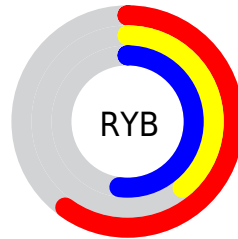
Distribution



Red (60%)

Green (39%)

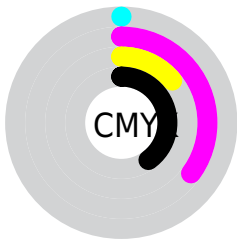
Blue (52%)



Red (60%)

Yellow (39%)

Blue (52%)

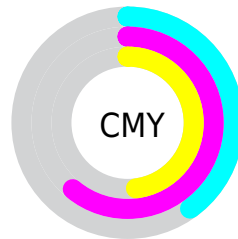


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (40%)



Cyan (40%)


Magenta (61%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 27.859, 341.278 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, 27.859, 341.278 by changing the saturation by 10% instead.

 49, 27.859,
341.278


 49, 27.859,
341.278

 100, 27.859,
341.278


 39, 27.859,
341.278

 69, 27.859,
341.278


 29, 27.859,
341.278

 79, 27.859,
341.278

 19, 27.859,
341.278

 89, 27.859,
341.278

 9, 27.859, 341.278

 99, 27.859,
341.278

 0, 27.859, 341.278

 49, 27.859,

 49, 27.859,

341.278

45, 35.658,
342.292

42, 42.915,
343.439

39, 49.268,
344.770

37, 54.326,
346.357

35, 57.750,
348.295

34, 59.402,
350.696

33, 59.979,
352.092

341.278

53, 19.797,
340.367

57, 11.685,
339.529

61, 3.657, 338.710

66, 4.204, 158.161

70, 11.850,
157.458

74, 19.262,
156.837

79, 26.433,
156.261

83, 33.369,
155.723

■ 88, 40.081,
155.220

Harmonies

Complementary

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



49, 27.859, 341.278



59, 27.235, 155.452

Rectangle

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



49, 27.859, 341.278



49, 27.859, 31.278



49, 27.859, 161.278



49, 27.859, 211.278

Sweetspot

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



49, 27.857, 341.279



75, 9.858, 339.174



46, 32.415, 306.901



39, 6.716, 339.276



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



49, 27.857, 341.279



59, 41.620, 342.102



48, 22.924, 13.516



30, 4.495, 339.096



30, 56.329, 351.838



1, 4.782, 338.929

Inverse Universe

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



49, 27.857, 341.279



59, 41.620, 342.102



60, 19.134, 187.058



30, 4.495, 339.096



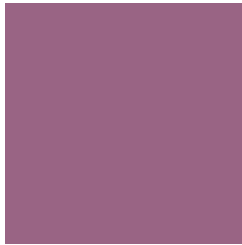
30, 56.329, 351.838



1, 4.782, 338.929

Previews

White Background



This preview shows how the CIELCh color 49, 27.859, 341.278 looks on a white background.

Color Contrast Check

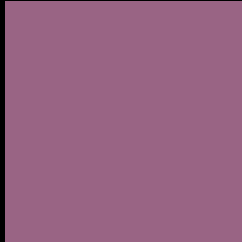
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.859, 341.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

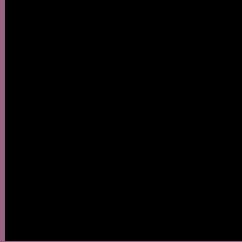
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 27.859, 341.278

Background



This preview shows how black text looks on a background with the CIELCh color 49, 27.859, 341.278.



This preview shows how white text looks on a background with the CIELCh color 49, 27.859, 341.278.

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, 27.859, 341.278

Protanopia

49, 15.326, 285.341

Deuteranopia

49, 9.949, 309.595



Tritanopia
49, 20.298, 8.902

Trichromacy



Original Color
49, 27.859, 341.278

Protanomaly
49, 17.651, 312.381

Deuteranomaly
49, 16.039, 327.758

Tritanomaly
49, 22.133, 357.625

Monochromacy



Original Color
49, 27.859, 341.278

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 10.017, 340.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 27.859, 341.278 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(153, 100, 132)` looks like.

```
.text, #text, p{  
    color:rgb(153, 100, 132)  
}
```

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(153, 100, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 100, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 27.859, 341.278 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(153, 100, 132) }
```

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

```
.border{ border-color:rgb(153, 100, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 100, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 100, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 100, 132);  
box-shadow:4px 4px 4px 4px rgb(153, 100,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 27.859, 341.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 100, 132) }
```

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

```
.background{ background-color: rgb(153,  
100, 132) }
```

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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