

Converting Colors

CIELCh(49, 29.138, 346.617)

Have a look what the booklet for
CIELCh(49, 29.138, 346.617)
contains.

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Color

CIELCh(49, 29.374, 345.772)

Conversions

Conversions Part 1

Format	Color
Hex	9D6281
RGB	157, 98, 129
RGB Percent	62%, 38%, 51%
CMY	0.3829, 0.6144, 0.4928
CMYK	0.00, 0.38, 0.18, 0.38
HSL	328°, 23%, 50%
HSV	328°, 38%, 62%
XYZ	22.3567, 17.5941, 23.1029
YIQ	119.1750, 25.2130, 22.1490

Conversions

Conversions Part 2

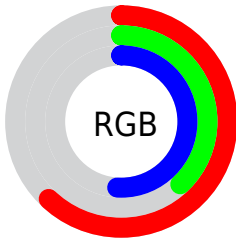
Format	Color
R_{YB}	157, 98, 129
Decimal	10314369
CIE _{Lab}	49.00, 28.47, -7.22
CIE _{LCh}	49, 29.374, 345.772
Yxy	17.5941, 0.3546, 0.2790
Android (android.graphics.Color)	4288504449 (0xFF9D6281)
YUV	119.1750, 4.8437, 33.1725
Hunter-Lab	41.9453, 21.7357, -3.2944

Details

The CIELCh color $49, 29.374, 345.772$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 28.264, 158.811$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 29.323, 345.946$, and $29, 29.146, 345.548$ is the 20% darker color. If you saturate the color by 10%, you get $45, 36.936, 347.001$, and if you desaturate by 10%, it is $53, 21.522, 344.700$.

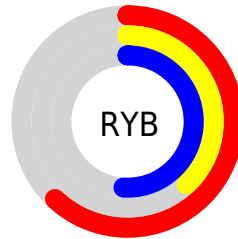
Distribution



Red (62%)

Green (38%)

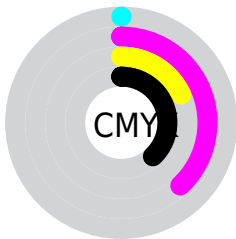
Blue (51%)



Red (62%)

Yellow (38%)

Blue (51%)

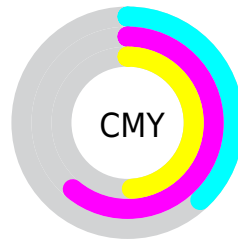


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (38%)



Cyan (38%)


Magenta (61%)

Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 29.374, 345.772 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, 29.374, 345.772 by changing the saturation by 10% instead.


 49, 29.374,
345.772


 49, 29.374,
345.772


 100, 29.374,
345.772

 39, 29.374,
345.772

 69, 29.374,
345.772


 29, 29.374,
345.772

 79, 29.374,
345.772

 19, 29.374,
345.772

 89, 29.374,
345.772

 9, 29.374, 345.772

 99, 29.374,
345.772

 0, 29.374, 345.772

 49, 29.374,

 49, 29.374,

345.772

345.772

45, 36.936,
347.001

53, 21.522,
344.700

42, 43.910,
348.439

57, 13.609,
343.741

39, 49.923,
350.167

62, 5.777, 342.851

37, 54.588,
352.295

66, 1.881, 162.305

70, 9.318, 161.448

35, 57.621,
354.959

75, 16.512,
160.772

34, 59.124,
358.241

80, 23.457,
160.154

34, 59.464,
359.082

84, 30.161,
159.582

89, 36.636,

159.050

Harmonies

Complementary

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



49, 29.374, 345.772



60, 28.264, 158.811

Rectangle

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



49, 29.374, 345.772



49, 29.374, 35.772



49, 29.374, 165.772



49, 29.374, 215.772

Sweetspot

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



49, 29.372, 345.773



76, 10.496, 343.177



47, 36.402, 309.812



39, 7.046, 343.286



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



49, 29.372, 345.773



59, 43.302, 346.785



48, 25.782, 20.316



31, 4.374, 343.005



30, 55.445, 358.723



1, 5.559, 343.744

Inverse Universe

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



49, 29.372, 345.773



59, 43.302, 346.785



61, 20.262, 194.453



31, 4.374, 343.005



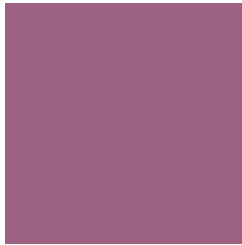
30, 55.445, 358.723



1, 5.559, 343.744

Previews

White Background



This preview shows how the CIELCh color 49, 29.374, 345.772 looks on a white background.

Color Contrast Check

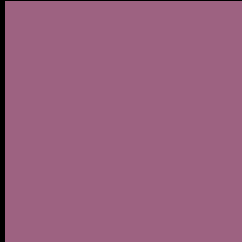
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.374, 345.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

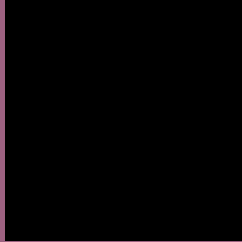
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 29.374, 345.772

Background



This preview shows how black text looks on a background with the CIELCh color 49, 29.374, 345.772.



This preview shows how white text looks on a background with the CIELCh color 49, 29.374, 345.772.

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, 29.374, 345.772

Protanopia

49, 14.746, 284.971

Deuteranopia

49, 8.635, 318.290



Tritanopia
49, 22.890, 10.834

Trichromacy



Original Color
49, 29.374, 345.772

Protanomaly
49, 17.389, 315.470

Deuteranomaly
49, 16.193, 335.077

Tritanomaly
49, 24.486, 0.580

Monochromacy



Original Color
49, 29.374, 345.772

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 10.992, 344.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 29.374, 345.772 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(157, 98, 129)` looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 129)  
}
```

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(157, 98, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 29.374, 345.772 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(157, 98, 129) }
```

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

```
.border{ border-color:rgb(157, 98, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 98, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 98, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 98, 129);  
box-shadow:4px 4px 4px 4px rgb(157, 98,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 29.374, 345.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 98, 129) }
```

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

```
.background{ background-color: rgb(157, 98,  
129) }
```

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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