

Converting Colors

CIELCh(49, 29.882, 345.773)

Have a look what the booklet for
CIELCh(49, 29.882, 345.773)
contains.

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Color

CIELCh(49, 29.973, 345.374)

Conversions

Conversions Part 1

Format	Color
Hex	9E6282
RGB	158, 98, 130
RGB Percent	62%, 38%, 51%
CMY	0.3807, 0.6159, 0.4905
CMYK	0.00, 0.38, 0.18, 0.38
HSL	328°, 24%, 50%
HSV	328°, 38%, 62%
XYZ	22.4718, 17.5941, 23.3062
YIQ	119.5880, 25.4880, 22.6720

Conversions

Conversions Part 2

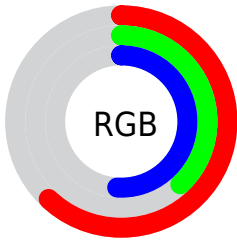
Format	Color
R_{YB}	158, 98, 130
Decimal	10379906
CIE Lab	49.00, 29.00, -7.57
CIE LCh	49, 29.973, 345.374
Yxy	17.5941, 0.3546, 0.2776
Android (android.graphics.Color)	4288569986 (0xFF9E6282)
YUV	119.5880, 5.1331, 33.6873
Hunter-Lab	41.9453, 22.2255, -3.5818

Details

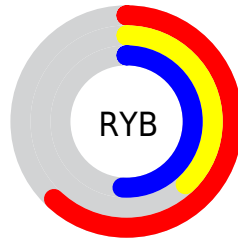
The CIELCh color $49, 29.973, 345.374$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 28.880, 158.355$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 29.905, 345.550$, and $29, 29.750, 345.151$ is the 20% darker color. If you saturate the color by 10%, you get $45, 37.561, 346.593$, and if you desaturate by 10%, it is $53, 22.075, 344.309$.

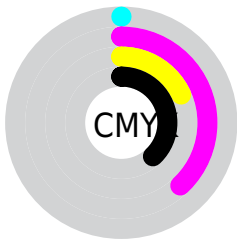
Distribution



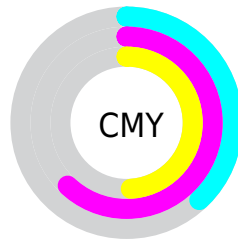
- Red (62%)
- Green (38%)
- Blue (51%)



- Red (62%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 29.973, 345.374 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, 29.973, 345.374 by changing the saturation by 10% instead.


 49, 29.973,
345.374


 49, 29.973,
345.374


 100, 29.973,
345.374


 39, 29.973,
345.374

 69, 29.973,
345.374


 29, 29.973,
345.374

 79, 29.973,
345.374

 19, 29.973,
345.374

 89, 29.973,
345.374

 9, 29.973, 345.374

 99, 29.973,
345.374

 0, 29.973, 345.374

 49, 29.973,

 49, 29.973,

345.374

345.374

45, 37.561,
346.593

53, 22.075,
344.309

42, 44.535,
348.018

57, 14.100,
343.356

39, 50.515,
349.729

62, 6.198, 342.473

37, 55.114,
351.833

66, 1.536, 161.964

70, 9.050, 161.071

35, 58.052,
354.466

75, 16.322,
160.395

34, 59.480,
357.692

80, 23.346,
159.777

34, 59.747,
358.358

84, 30.127,
159.205

89, 36.677,

Harmonies

Complementary

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



49, 29.973, 345.374



60, 28.880, 158.355

Rectangle

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



49, 29.973, 345.374



49, 29.973, 35.374



49, 29.973, 165.374



49, 29.973, 215.374

Sweetspot

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



49, 29.971, 345.375



77, 10.661, 342.755



46, 36.916, 309.300



40, 7.230, 342.865



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, 29.971, 345.375



59, 44.865, 346.452



48, 26.156, 19.134



31, 4.399, 342.583



30, 55.567, 357.994



1, 5.588, 343.333

Inverse Universe

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



49, 29.971, 345.375



59, 44.865, 346.452



61, 20.659, 192.853



31, 4.399, 342.583



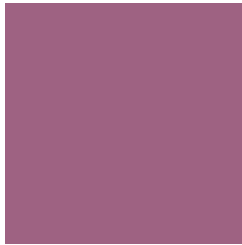
30, 55.567, 357.994



1, 5.588, 343.333

Previews

White Background



This preview shows how the CIELCh color 49, 29.973, 345.374 looks on a white background.

Color Contrast Check

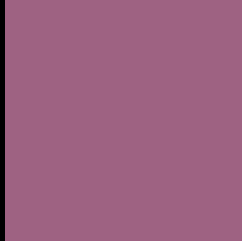
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.973, 345.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

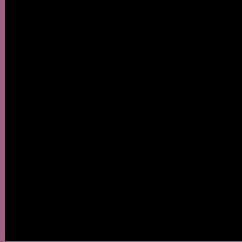
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 29.973, 345.374

Background



This preview shows how black text looks on a background with the CIELCh color 49, 29.973, 345.374.



This preview shows how white text looks on a background with the CIELCh color 49, 29.973, 345.374.

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, 29.973, 345.374

Protanopia

49, 15.326, 285.341

Deuteranopia

49, 8.461, 315.884



Tritanopia
49, 23.287, 12.531

Trichromacy



Original Color
49, 29.973, 345.374

Protanomaly
49, 18.626, 315.157

Deuteranomaly
49, 16.193, 335.077

Tritanomaly
49, 24.872, 1.018

Monochromacy



Original Color
49, 29.973, 345.374

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 11.326, 342.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 29.973, 345.374 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(158, 98, 130)` looks like.

```
.text, #text, p{  
    color:rgb(158, 98, 130)  
}
```

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(158, 98, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 98, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 29.973, 345.374 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(158, 98, 130) }
```

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

```
.border{ border-color:rgb(158, 98, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 98, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 98, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 98, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 98,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 29.973, 345.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 98, 130) }
```

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

```
.background{ background-color: rgb(158, 98,  
130) }
```

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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