

Converting Colors

CIELCh(49, 27.951, 342.536)

Have a look what the booklet for
CIELCh(49, 27.951, 342.536)
contains.

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Color

CIELCh(49, 27.815, 342.846)

Conversions

Conversions Part 1

Format	Color
Hex	9A6483
RGB	154, 100, 131
RGB Percent	60%, 39%, 51%
CMY	0.3965, 0.6082, 0.4866
CMYK	0.00, 0.35, 0.15, 0.40
HSL	326°, 21%, 50%
HSV	326°, 35%, 60%
XYZ	21.9474, 17.5941, 23.6795
YIQ	119.6800, 22.2330, 21.0890

Conversions

Conversions Part 2

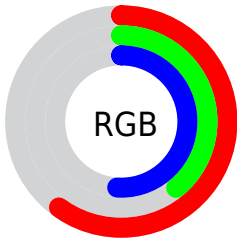
Format	Color
RYB	154, 100, 131
Decimal	10118275
CIELab	49.00, 26.58, -8.20
CIELCh	49, 27.815, 342.846
Yxy	17.5941, 0.3472, 0.2783
Android (android.graphics.Color)	4288308355 (0xFF9A6483)
YUV	119.6800, 5.5808, 30.0986
Hunter-Lab	41.9453, 19.9938, -4.1094

Details

The CIELCh color $49, 27.815, 342.846$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 27.061, 156.745$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 27.513, 342.800$, and $29, 27.923, 342.752$ is the 20% darker color. If you saturate the color by 10%, you get $45, 35.509, 343.926$, and if you desaturate by 10%, it is $53, 19.864, 341.885$.

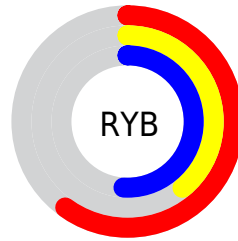
Distribution



Red (60%)

Green (39%)

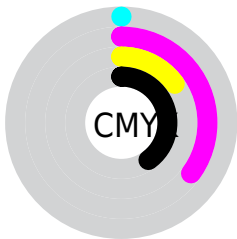
Blue (51%)



Red (60%)

Yellow (39%)

Blue (51%)

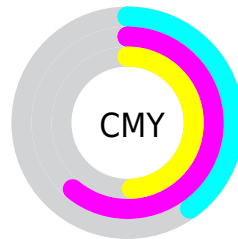


Cyan (0%)

Magenta (35%)

Yellow (15%)

Black (40%)



Cyan (40%)

Magenta (61%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 27.815, 342.846 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, 27.815, 342.846 by changing the saturation by 10% instead.


 49, 27.815,
342.846

 49, 27.815,
342.846

 100, 27.815,
342.846


 39, 27.815,
342.846


 69, 27.815,
342.846


 29, 27.815,
342.846


 79, 27.815,
342.846

 19, 27.815,
342.846

 89, 27.815,
342.846

 9, 27.815, 342.846

 99, 27.815,
342.846

 0, 27.815, 342.846

 49, 27.815,

 49, 27.815,

342.846

45, 35.509,
343.926

42, 42.667,
345.163

39, 48.926,
346.616

37, 53.897,
348.368

35, 57.250,
350.530

34, 58.880,
353.221

33, 59.445,
354.640

342.846

53, 19.864,
341.885

57, 11.868,
341.009

61, 3.961, 340.165

66, 3.775, 159.599

70, 11.293,
158.870

75, 18.574,
158.232

79, 25.614,
157.644

83, 32.419,
157.096

■ 88, 39.000,
156.584

Harmonies

Complementary

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



49, 27.815, 342.846



59, 27.061, 156.745

Rectangle

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



49, 27.815, 342.846



49, 27.815, 32.846



49, 27.815, 162.846



49, 27.815, 212.846

Sweetspot

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



49, 27.813, 342.847



74, 10.632, 340.685



46, 33.134, 308.029



38, 7.133, 340.787



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, 27.813, 342.847



59, 40.865, 343.669



48, 23.373, 16.143



30, 4.402, 340.520



30, 55.620, 354.341



1, 4.683, 340.331

Inverse Universe

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



49, 27.813, 342.847



59, 40.865, 343.669



60, 19.146, 189.985



30, 4.402, 340.520



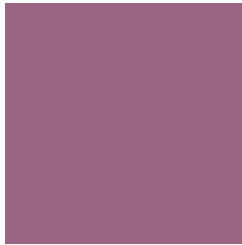
30, 55.620, 354.341



1, 4.683, 340.331

Previews

White Background



This preview shows how the CIELCh color 49, 27.815, 342.846 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, 27.815, 342.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

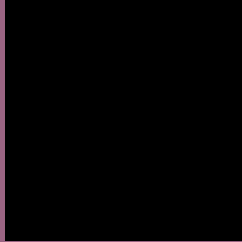
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 27.815, 342.846

Background



This preview shows how black text looks on a background with the CIELCh color 49, 27.815, 342.846.



This preview shows how white text looks on a background with the CIELCh color 49, 27.815, 342.846.

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, 27.815, 342.846

Protanopia

49, 14.746, 284.971

Deuteranopia

49, 8.994, 314.321



Tritanopia
49, 21.170, 9.594

Trichromacy



Original Color
49, 27.815, 342.846

Protanomaly
49, 17.244, 314.271

Deuteranomaly
49, 15.386, 331.649

Tritanomaly
49, 22.921, 358.673

Monochromacy



Original Color
49, 27.815, 342.846

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, 27.815, 342.846 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(154, 100, 131)` looks like.

```
.text, #text, p{  
    color:rgb(154, 100, 131)  
}
```

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(154, 100, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 100, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 27.815, 342.846 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(154, 100, 131) }
```

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

```
.border{ border-color:rgb(154, 100, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 100, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 100, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 100, 131);  
box-shadow:4px 4px 4px 4px rgb(154, 100,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 27.815, 342.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 100, 131) }
```

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

```
.background{ background-color: rgb(154,  
100, 131) }
```

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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