

Converting Colors

CIELCh(57, 30.149, 320.580)

Have a look what the booklet for
CIELCh(57, 30.149, 320.580)
contains.

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Color

CIELCh(57, 29.727, 320.786)

Conversions

Conversions Part 1

Format	Color
Hex	A27CAA
RGB	162, 124, 170
RGB Percent	64%, 49%, 67%
CMY	0.3655, 0.5145, 0.3341
CMYK	0.05, 0.27, 0.00, 0.33
HSL	290°, 21%, 58%
HSV	290°, 27%, 67%
XYZ	29.2801, 24.9227, 41.1983
YIQ	140.6060, 7.8820, 22.3620

Conversions

Conversions Part 2

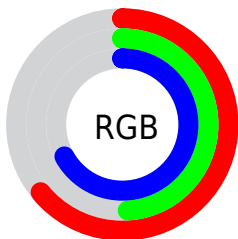
Format	Color
RYB	162, 124, 170
Decimal	10648746
CIELab	57.00, 23.03, -18.79
CIELCh	57, 29.727, 320.786
Yxy	24.9227, 0.3069, 0.2612
Android (android.graphics.Color)	4288838826 (0xFFA27CAA)
YUV	140.6060, 14.4912, 18.7625
Hunter-Lab	49.9226, 17.3275, -13.9829

Details

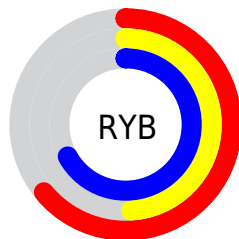
The CIELCh color $57, 29.727, 320.786$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $66, 29.417, 138.163$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 29.436, 320.767$, and $37, 29.630, 320.770$ is the 20% darker color. If you saturate the color by 10%, you get $53, 40.699, 321.216$, and if you desaturate by 10%, it is $62, 18.663, 320.336$.

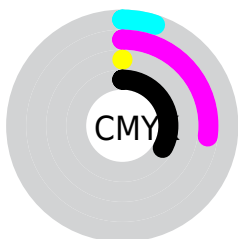
Distribution



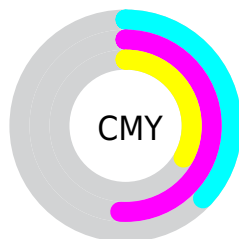
- Red (64%)
- Green (49%)
- Blue (67%)



- Red (64%)
- Yellow (49%)
- Blue (67%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (33%)




- Cyan (37%)
- Magenta (51%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 29.727, 320.786 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 57, 29.727, 320.786 by changing the saturation by 10% instead.


 57, 29.727,
320.786


 57, 29.727,
320.786


 100, 29.727,
320.786


 47, 29.727,
320.786

 77, 29.727,
320.786

 37, 29.727,
320.786

 87, 29.727,
320.786

 27, 29.727,
320.786

 97, 29.727,
320.786

 17, 29.727,
320.786

 7, 29.727, 320.786

 0, 29.727, 320.786

57, 29.727,
320.786

57, 29.727,
320.786

53, 40.699,
321.216

62, 18.663,
320.336

49, 51.338,
321.604

66, 7.680, 319.873

45, 61.297,
321.921

71, 3.118, 139.521

76, 13.667,
139.053

42, 70.145,
322.133

81, 23.934,
138.650

39, 77.398,
322.199

85, 33.906,
138.277

37, 82.630,
322.082

90, 43.581,
137.932

35, 85.742,
321.768

94, 50.271,
137.441

35, 86.512,

321.667

 94, 49.730,
136.483

Harmonies

Complementary

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



57, 29.727, 320.786



66, 29.417, 138.163

Rectangle

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



57, 29.727, 320.786



57, 29.727, 10.786



57, 29.727, 140.786



57, 29.727, 190.786

Sweetspot

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



57, 29.725, 320.786



84, 10.790, 319.923



56, 21.634, 285.011



44, 7.740, 319.993



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 29.725, 320.786



70, 43.685, 321.026



57, 25.031, 336.911



33, 6.102, 319.977



30, 78.143, 321.737



2, 10.876, 317.910

Inverse Universe

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



57, 19.280, 8.095



70, 28.673, 8.874



66, 24.750, 152.838



33, 3.817, 6.023



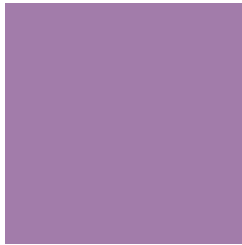
30, 62.394, 30.323



1, 6.745, 7.156

Previews

White Background



This preview shows how the CIELCh color 57, 29.727, 320.786 looks on a white background.

Color Contrast Check

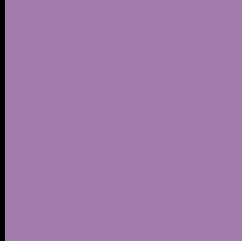
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 29.727, 320.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

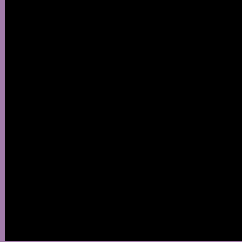
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 29.727, 320.786

Background



This preview shows how black text looks on a background with the CIELCh color 57, 29.727, 320.786.



This preview shows how white text looks on a background with the CIELCh color 57, 29.727, 320.786.

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

57, 29.727, 320.786

Protanopia

57, 24.634, 285.940

Deuteranopia

57, 19.435, 293.464



Tritanopia
57, 12.139, 352.873

Trichromacy



Original Color
57, 29.727, 320.786

Protanomaly
57, 25.383, 299.348

Deuteranomaly
57, 23.039, 306.208

Tritanomaly
57, 17.760, 333.909

Monochromacy



Original Color
57, 29.727, 320.786

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 11.120, 319.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 29.727, 320.786 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(162, 124, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 124, 170)  
}
```

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(162, 124, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 124, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 29.727, 320.786 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(162, 124, 170) }
```

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

```
.border{ border-color:rgb(162, 124, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 124, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 124, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 124, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 124,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 29.727, 320.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 124, 170) }
```

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

```
.background{ background-color: rgb(162,  
124, 170) }
```

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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