

Converting Colors

CIELCh(57, 29.002, 336.541)

Have a look what the booklet for
CIELCh(57, 29.002, 336.541)
contains.

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Color

CIELCh(57, 29.032, 336.554)

Conversions

Conversions Part 1

Format	Color
Hex	AD789D
RGB	173, 120, 157
RGB Percent	68%, 47%, 62%
CMY	0.3198, 0.5277, 0.3826
CMYK	0.00, 0.31, 0.09, 0.32
HSL	318°, 25%, 58%
HSV	318°, 31%, 68%
XYZ	30.2273, 24.9227, 35.3149
YIQ	140.0650, 19.7110, 22.7430

Conversions

Conversions Part 2

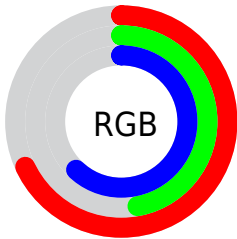
Format	Color
R_{YB}	173, 120, 157
Decimal	11368605
CIE _{Lab}	57.00, 26.63, -11.55
CIE _{LCh}	57, 29.032, 336.554
Yxy	24.9227, 0.3341, 0.2755
Android (android.graphics.Color)	4289558685 (0xFFAD789D)
YUV	140.0650, 8.3490, 28.8840
Hunter-Lab	49.9226, 20.7143, -6.9955

Details

The CIELCh color $57, 29.032, 336.554$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $66, 28.716, 151.921$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 29.080, 336.179$, and $37, 29.541, 336.389$ is the 20% darker color. If you saturate the color by 10%, you get $53, 38.300, 337.379$, and if you desaturate by 10%, it is $61, 19.514, 335.784$.

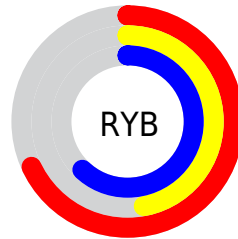
Distribution



Red (68%)

Green (47%)

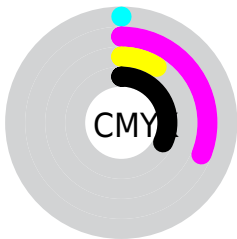
Blue (62%)



Red (68%)

Yellow (47%)

Blue (62%)

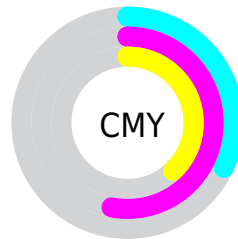


Cyan (0%)

Magenta (31%)

Yellow (9%)

Black (32%)



Cyan (32%)


Magenta (53%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 29.032, 336.554 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, 29.032, 336.554 by changing the saturation by 10% instead.


 57, 29.032,
336.554

 57, 29.032,
336.554

 100, 29.032,
336.554

 47, 29.032,
336.554

 77, 29.032,
336.554

 37, 29.032,
336.554

 87, 29.032,
336.554

 27, 29.032,
336.554

 97, 29.032,
336.554

 17, 29.032,
336.554

 7, 29.032, 336.554

 0, 29.032, 336.554

57, 29.032,
336.554

57, 29.032,
336.554

53, 38.300,
337.379

61, 19.514,
335.784

49, 47.022,
338.272

66, 9.970, 335.052

46, 54.802,
339.259

71, 0.539, 333.841

75, 8.691, 153.807

43, 61.194,
340.376

80, 17.673,
153.189

41, 65.775,
341.676

85, 26.386,
152.619

39, 68.282,
343.229

90, 34.825,
152.085

38, 69.121,
344.931

94, 40.552,
152.311

■ 94, 38.570,
154.979

Harmonies

Complementary

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



57, 29.032, 336.554



66, 28.716, 151.921

Rectangle

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



57, 29.032, 336.554



57, 29.032, 26.554



57, 29.032, 156.554



57, 29.032, 206.554

Sweetspot

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



57, 29.030, 336.555



84, 10.455, 334.949



54, 31.243, 303.855



44, 7.264, 335.052



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, 29.030, 336.555



69, 43.178, 337.131



56, 22.432, 6.616



34, 5.333, 334.960



33, 62.382, 344.681



2, 10.481, 338.275

Inverse Universe

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



57, 29.030, 336.555



69, 43.178, 337.131



67, 19.784, 180.449



34, 5.333, 334.960



33, 62.382, 344.681



2, 10.481, 338.275

Previews

White Background



This preview shows how the CIELCh color 57, 29.032, 336.554 looks on a white background.

Color Contrast Check

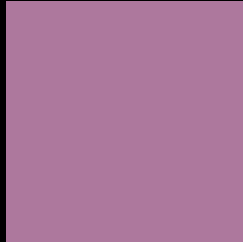
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.032, 336.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

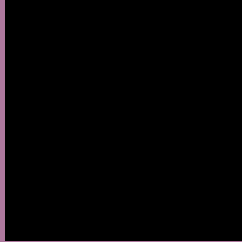
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 29.032, 336.554

Background



This preview shows how black text looks on a background with the CIELCh color 57, 29.032, 336.554.



This preview shows how white text looks on a background with the CIELCh color 57, 29.032, 336.554.

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, 29.032, 336.554

Protanopia

57, 18.320, 285.683

Deuteranopia

57, 12.408, 305.506



Tritanopia
57, 19.339, 6.428

Trichromacy



Original Color
57, 29.032, 336.554

Protanomaly
57, 20.397, 309.021

Deuteranomaly
57, 17.956, 322.203

Tritanomaly
57, 22.405, 351.754

Monochromacy



Original Color
57, 29.032, 336.554

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 10.483, 335.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 29.032, 336.554 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(173, 120, 157)` looks like.

```
.text, #text, p{  
    color:rgb(173, 120, 157)  
}
```

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(173, 120, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 120, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 29.032, 336.554 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(173, 120, 157) }
```

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

```
.border{ border-color:rgb(173, 120, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 120, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 120, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 120, 157);  
box-shadow:4px 4px 4px 4px rgb(173, 120,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 29.032, 336.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 120, 157) }
```

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

```
.background{ background-color: rgb(173,  
120, 157) }
```

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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