

Converting Colors

CIELCh(59, 37.536, 322.732)

Have a look what the booklet for
CIELCh(59, 37.536, 322.732)
contains.

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Color

CIELCh(59, 37.503, 322.612)

Conversions

Conversions Part 1

Format	Color
Hex	AF7CB6
RGB	175, 124, 182
RGB Percent	69%, 49%, 71%
CMY	0.3125, 0.5126, 0.2851
CMYK	0.04, 0.32, 0.00, 0.29
HSL	293°, 29%, 60%
HSV	293°, 32%, 71%
XYZ	33.4676, 27.0277, 47.8749
YIQ	145.8610, 11.7780, 28.8500

Conversions

Conversions Part 2

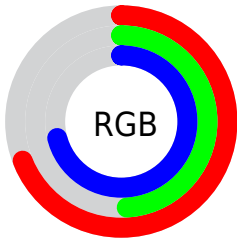
Format	Color
RYB	175, 124, 182
Decimal	11500726
CIELab	59.00, 29.80, -22.77
CIELCh	59, 37.503, 322.612
Yxy	27.0277, 0.3088, 0.2494
Android (android.graphics.Color)	4289690806 (0xFFAF7CB6)
YUV	145.8610, 17.8165, 25.5549
Hunter-Lab	51.9882, 23.9305, -18.2072

Details

The CIELCh color $59, 37.503, 322.612$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 37.215, 139.266$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 37.570, 322.522$, and $39, 37.649, 322.825$ is the 20% darker color. If you saturate the color by 10%, you get $55, 49.036, 323.043$, and if you desaturate by 10%, it is $64, 25.690, 322.149$.

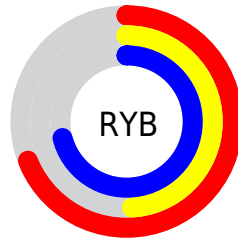
Distribution



Red (69%)

Green (49%)

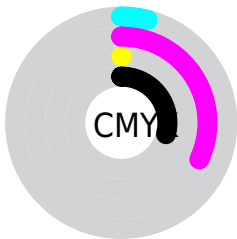
Blue (71%)



Red (69%)

Yellow (49%)

Blue (71%)

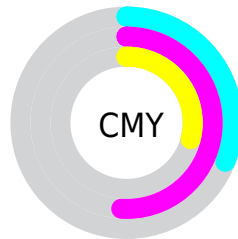


Cyan (4%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (51%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 37.503, 322.612 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 59, 37.503, 322.612 by changing the saturation by 10% instead.


 59, 37.503,
322.612

 59, 37.503,
322.612


 100, 37.503,
322.612


 49, 37.503,
322.612


 79, 37.503,
322.612

 39, 37.503,
322.612

 89, 37.503,
322.612

 29, 37.503,
322.612

 99, 37.503,
322.612

 19, 37.503,
322.612

 9, 37.503, 322.612

 0, 37.503, 322.612

59, 37.503,
322.612

59, 37.503,
322.612

55, 49.036,
323.043

64, 25.690,
322.149

51, 59.962,
323.420

68, 13.844,
321.670

47, 69.850,
323.713

73, 2.121, 321.115

44, 78.208,
323.893

78, 9.375, 140.781

42, 84.571,
323.927

83, 20.586,
140.330


40, 88.640,
323.794

88, 31.483,
139.912

39, 90.617,
323.586

93, 42.054,
139.522

94, 43.466,
138.793

 95, 43.052,
137.971

Harmonies

Complementary

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



59, 37.503, 322.612



69, 37.215, 139.266

Rectangle

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



59, 37.503, 322.612



59, 37.503, 12.612



59, 37.503, 142.612



59, 37.503, 192.612

Sweetspot

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



59, 37.501, 322.612



88, 14.484, 321.589



56, 28.805, 288.430



46, 9.972, 321.658



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 37.501, 322.612



72, 55.305, 322.911



59, 30.118, 339.610



36, 6.661, 321.549



33, 80.582, 323.640



3, 17.776, 319.624

Inverse Universe

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



58, 24.151, 12.865



70, 36.325, 13.936



69, 29.589, 154.412



36, 4.047, 10.206



32, 67.189, 34.058



2, 10.743, 12.109

Previews

White Background



This preview shows how the CIELCh color 59, 37.503, 322.612 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 59, 37.503, 322.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

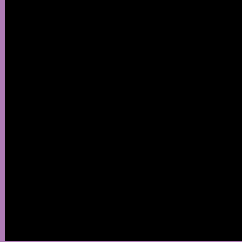
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 37.503, 322.612

Background



This preview shows how black text looks on a background with the CIELCh color 59, 37.503, 322.612.

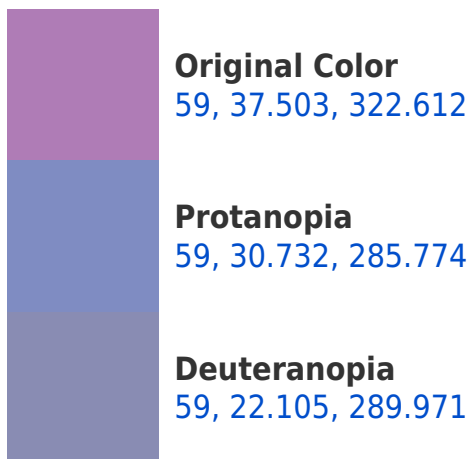


This preview shows how white text looks on a background with the CIELCh color 59, 37.503, 322.612.

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





Tritanopia
59, 16.167, 0.849

Trichromacy



Original Color
59, 37.503, 322.612

Protanomaly
59, 32.121, 300.290

Deuteranomaly
59, 26.913, 305.857

Tritanomaly
59, 22.834, 338.181

Monochromacy



Original Color
59, 37.503, 322.612

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 13.949, 322.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 37.503, 322.612 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(175, 124, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 124, 182)  
}
```

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(175, 124, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 124, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 37.503, 322.612 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(175, 124, 182) }
```

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

```
.border{ border-color:rgb(175, 124, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 124, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 124, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 124, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 124,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 37.503, 322.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 124, 182) }
```

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

```
.background{ background-color: rgb(175,  
124, 182) }
```

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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