

Converting Colors

CIELCh(57, 38.185, 329.202)

Have a look what the booklet for
CIELCh(57, 38.185, 329.202)
contains.

CIELCh(57, 38.185, 329.202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 38.185, 329.202)

Conversions

Conversions Part 1

Format	Color
Hex	B174AB
RGB	177, 116, 171
RGB Percent	69%, 45%, 67%
CMY	0.3043, 0.5437, 0.3279
CMYK	0.00, 0.34, 0.03, 0.30
HSL	306°, 28%, 58%
HSV	306°, 34%, 70%
XYZ	31.8952, 24.9227, 41.8487
YIQ	140.5090, 18.7010, 30.0370

Conversions

Conversions Part 2

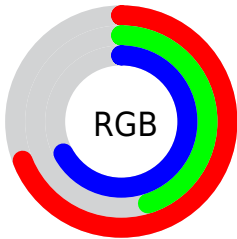
Format	Color
RYB	177, 116, 171
Decimal	11629739
CIELab	57.00, 32.80, -19.55
CIELCh	57, 38.185, 329.202
Yxy	24.9227, 0.3233, 0.2526
Android (android.graphics.Color)	4289819819 (0xFFB174AB)
YUV	140.5090, 15.0321, 32.0026
Hunter-Lab	49.9226, 26.6777, -14.7553

Details

The CIELCh color $57, 38.185, 329.202$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $67, 38.172, 144.686$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 38.084, 329.638$, and $37, 38.396, 328.885$ is the 20% darker color. If you saturate the color by 10%, you get $53, 48.728, 329.775$, and if you desaturate by 10%, it is $61, 27.181, 328.619$.

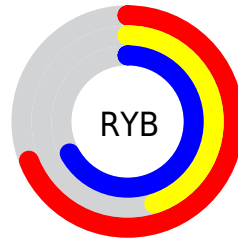
Distribution



Red (69%)

Green (45%)

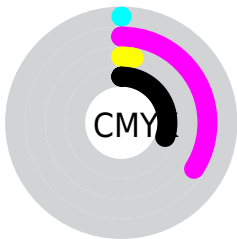
Blue (67%)



Red (69%)

Yellow (45%)

Blue (67%)

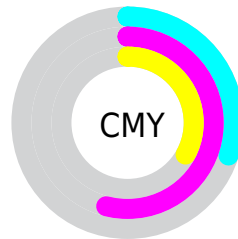


Cyan (0%)

Magenta (34%)

Yellow (3%)

Black (30%)



Cyan (30%)


Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 38.185, 329.202 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, 38.185, 329.202 by changing the saturation by 10% instead.


 57, 38.185,
329.202


 57, 38.185,
329.202

 100, 38.185,
329.202


 47, 38.185,
329.202


 77, 38.185,
329.202

 37, 38.185,
329.202

 87, 38.185,
329.202

 27, 38.185,
329.202

 97, 38.185,
329.202

 17, 38.185,
329.202

 7, 38.185, 329.202

 0, 38.185, 329.202

57, 38.185,
329.202

57, 38.185,
329.202

53, 48.728,
329.775

61, 27.181,
328.619

50, 58.442,
330.330

66, 16.007,
328.032

47, 66.886,
330.861

70, 4.865, 327.423

44, 73.610,
331.364

75, 6.112, 146.959

43, 78.259,
331.843

80, 16.841,
146.392

41, 80.704,
332.311

85, 27.276,
145.869

41, 81.496,
332.572

90, 37.398,
145.374

94, 45.281,
145.112

■ 94, 44.564,
145.786

Harmonies

Complementary

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



57, 38.185, 329.202



67, 38.172, 144.686

Rectangle

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



57, 38.185, 329.202



57, 38.185, 19.202



57, 38.185, 149.202



57, 38.185, 199.202

Sweetspot

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



57, 38.183, 329.202



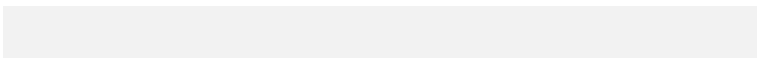
85, 13.675, 327.782



52, 35.607, 297.138



44, 9.327, 327.863



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 38.183, 329.202



69, 55.695, 329.621



56, 27.970, 351.966



35, 6.310, 327.731



35, 73.141, 332.516



2, 14.698, 328.702

Inverse Universe

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



57, 38.183, 329.202



69, 55.695, 329.621



68, 26.282, 165.033



35, 6.310, 327.731



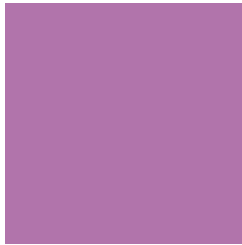
35, 73.141, 332.516



2, 14.698, 328.702

Previews

White Background



This preview shows how the CIELCh color 57, 38.185, 329.202 looks on a white background.

Color Contrast Check

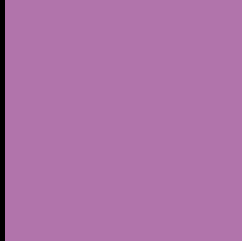
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.185, 329.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

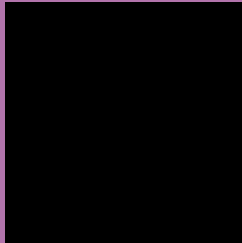
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 38.185, 329.202

Background



This preview shows how black text looks on a background with the CIELCh color 57, 38.185, 329.202.

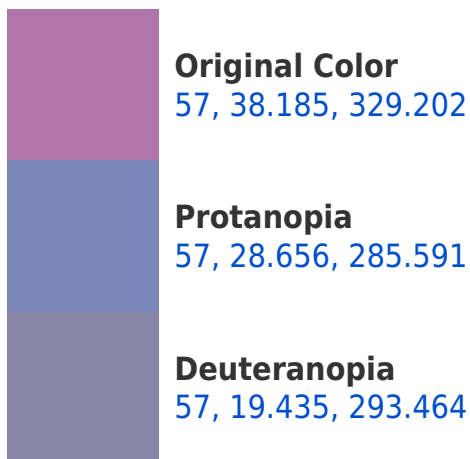


This preview shows how white text looks on a background with the CIELCh color 57, 38.185, 329.202.

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
57, 20.571, 7.531

Trichromacy



Original Color
57, 38.185, 329.202

Protanomaly
57, 30.313, 303.337

Deuteranomaly
57, 24.862, 311.427

Tritanomaly
57, 25.672, 347.564

Monochromacy



Original Color
57, 38.185, 329.202

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.222, 327.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 38.185, 329.202 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(177, 116, 171)` looks like.

```
.text, #text, p{  
    color:rgb(177, 116, 171)  
}
```

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(177, 116, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 116, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 38.185, 329.202 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(177, 116, 171) }
```

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

```
.border{ border-color:rgb(177, 116, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 116, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 116, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 116, 171);  
box-shadow:4px 4px 4px 4px rgb(177, 116,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 38.185, 329.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 116, 171) }
```

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

```
.background{ background-color: rgb(177,  
116, 171) }
```

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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