

Converting Colors

CIELCh(57, 33.290, 311.848)

Have a look what the booklet for
CIELCh(57, 33.290, 311.848)
contains.

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Color

CIELCh(57, 33.246, 312.037)

Conversions

Conversions Part 1

Format	Color
Hex	9B7DB4
RGB	155, 125, 180
RGB Percent	61%, 49%, 71%
CMY	0.3922, 0.5099, 0.2942
CMYK	0.14, 0.31, 0.00, 0.29
HSL	273°, 27%, 60%
HSV	273°, 31%, 71%
XYZ	29.0802, 24.9227, 46.4461
YIQ	140.2400, 0.2250, 23.4650

Conversions

Conversions Part 2

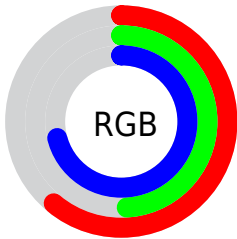
Format	Color
RYB	155, 125, 180
Decimal	10190260
CIELab	57.00, 22.26, -24.69
CIELCh	57, 33.246, 312.037
Yxy	24.9227, 0.2895, 0.2481
Android (android.graphics.Color)	4288380340 (0xFF9B7DB4)
YUV	140.2400, 19.6017, 12.9445
Hunter-Lab	49.9226, 16.6127, -20.2154

Details

The CIELCh color **57, 33.246, 312.037** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70, 32.013, 129.258**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 33.168, 311.972**, and **37, 33.024, 311.940** is the 20% darker color. If you saturate the color by 10%, you get **52, 44.488, 312.533**, and if you desaturate by 10%, it is **62, 22.118, 311.548**.

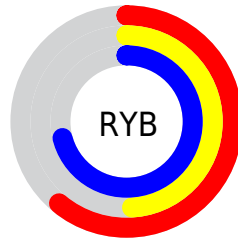
Distribution



Red (61%)

Green (49%)

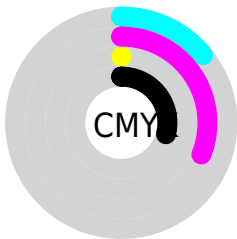
Blue (71%)



Red (61%)

Yellow (49%)

Blue (71%)

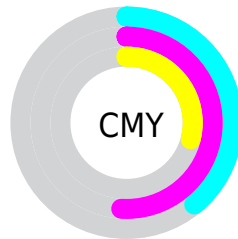


Cyan (14%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (39%)


Magenta (51%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 33.246, 312.037 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, 33.246, 312.037 by changing the saturation by 10% instead.


 57, 33.246,
312.037


 57, 33.246,
312.037


 100, 33.246,
312.037


 47, 33.246,
312.037


 77, 33.246,
312.037

 37, 33.246,
312.037

 87, 33.246,
312.037

 27, 33.246,
312.037

 97, 33.246,
312.037

 17, 33.246,
312.037

 7, 33.246, 312.037

 0, 33.246, 312.037

57, 33.246,
312.037

57, 33.246,
312.037

52, 44.488,
312.533

62, 22.118,
311.548

47, 55.662,
313.008

68, 11.215,
311.080

42, 66.456,
313.419

73, 0.592, 310.455

38, 76.401,
313.699

78, 9.727, 130.286

34, 84.861,
313.761

84, 19.736,
129.930


31, 91.134,
313.506

89, 29.438,
129.616

29, 95.114,
313.002

94, 38.844,
129.339

96, 40.041,
126.269

 97, 39.091,
122.132

Harmonies

Complementary

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



57, 33.246, 312.037



70, 32.013, 129.258

Rectangle

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



57, 33.246, 312.037



57, 33.246, 2.037



57, 33.246, 132.037



57, 33.246, 182.037

Sweetspot

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



57, 33.244, 312.037



87, 11.837, 311.016



61, 18.327, 263.760



45, 8.234, 311.082



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 33.244, 312.037



69, 50.242, 312.388



60, 35.946, 327.011



35, 5.966, 311.024



24, 84.274, 313.145



1, 13.950, 306.754

Inverse Universe

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



59, 25.610, 349.138



71, 38.530, 350.016



68, 35.948, 143.206



35, 4.616, 346.924



32, 57.667, 5.604



2, 10.349, 352.381

Previews

White Background



This preview shows how the CIELCh color 57, 33.246, 312.037 looks on a white background.

Color Contrast Check

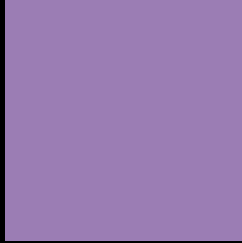
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.246, 312.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

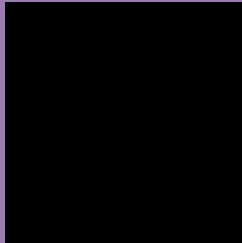
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 33.246, 312.037

Background



This preview shows how black text looks on a background with the CIELCh color 57, 33.246, 312.037.



This preview shows how white text looks on a background with the CIELCh color 57, 33.246, 312.037.

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, 33.246, 312.037

Protanopia
57, 30.366, 285.703

Deuteranopia
57, 24.578, 287.470



Tritanopia
57, 9.173, 337.282

Trichromacy



Original Color
57, 33.246, 312.037

Protanomaly
57, 30.914, 295.539

Deuteranomaly
57, 27.606, 298.286

Tritanomaly
57, 17.592, 320.002

Monochromacy



Original Color
57, 33.246, 312.037

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 12.057, 309.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 33.246, 312.037 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(155, 125, 180)` looks like.

```
.text, #text, p{  
    color:rgb(155, 125, 180)  
}
```

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(155, 125, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 125, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 33.246, 312.037 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(155, 125, 180) }
```

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

```
.border{ border-color:rgb(155, 125, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 125, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 125, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 125, 180);  
box-shadow:4px 4px 4px 4px rgb(155, 125,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 33.246, 312.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 125, 180) }
```

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

```
.background{ background-color: rgb(155,  
125, 180) }
```

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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