

Converting Colors

CIELCh(57, 33.372, 301.547)

Have a look what the booklet for
CIELCh(57, 33.372, 301.547)
contains.

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Color

CIELCh(57, 32.965, 301.462)

Conversions

Conversions Part 1

Format	Color
Hex	8E81BA
RGB	142, 129, 186
RGB Percent	56%, 51%, 73%
CMY	0.4439, 0.4948, 0.2714
CMYK	0.24, 0.31, 0.00, 0.27
HSL	254°, 29%, 62%
HSV	254°, 31%, 73%
XYZ	27.7905, 24.9227, 49.6901
YIQ	139.3850, -10.5490, 20.4830

Conversions

Conversions Part 2

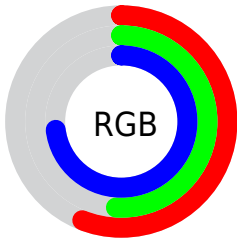
Format	Color
R_{YB}	142, 129, 186
Decimal	9339322
CIE _{Lab}	57.00, 17.21, -28.12
CIE _{LCh}	57, 32.965, 301.462
Yxy	24.9227, 0.2714, 0.2434
Android (android.graphics.Color)	4287529402 (0xFF8E81BA)
YUV	139.3850, 22.9812, 2.2934
Hunter-Lab	49.9226, 12.0012, -24.0680

Details

The CIELCh color $57, 32.965, 301.462$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $73, 30.846, 117.085$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 32.761, 301.721$, and $37, 33.011, 301.027$ is the 20% darker color. If you saturate the color by 10%, you get $51, 44.496, 302.462$, and if you desaturate by 10%, it is $63, 21.808, 300.571$.

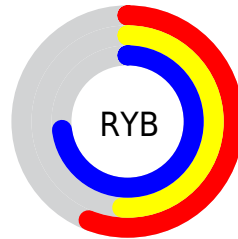
Distribution



Red (56%)

Green (51%)

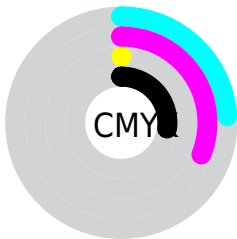
Blue (73%)



Red (56%)

Yellow (51%)

Blue (73%)

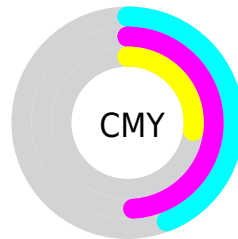


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (44%)


Magenta (49%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 32.965, 301.462 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, 32.965, 301.462 by changing the saturation by 10% instead.


 57, 32.965,
301.462


 57, 32.965,
301.462


 100, 32.965,
301.462


 47, 32.965,
301.462


 77, 32.965,
301.462

 37, 32.965,
301.462

 87, 32.965,
301.462

 27, 32.965,
301.462

 97, 32.965,
301.462

 17, 32.965,
301.462

 7, 32.965, 301.462

 0, 32.965, 301.462

57, 32.965,
301.462

57, 32.965,
301.462

51, 44.496,
302.462

63, 21.808,
300.571

45, 56.323,
303.559

69, 11.052,
299.789

40, 68.241,
304.709

75, 0.689, 299.081

34, 79.820,
305.830

81, 9.297, 118.525

30, 90.267,
306.772

87, 18.928,
118.018

26, 98.404,
307.334

93, 28.226,
117.581

24, 103.522,
307.509

98, 35.168,
115.475

99, 34.787,
107.528

Harmonies

Complementary

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



57, 32.965, 301.462



73, 30.846, 117.085

Rectangle

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



57, 32.965, 301.462



57, 32.965, 351.462



57, 32.965, 121.462



57, 32.965, 171.462

Sweetspot

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



57, 32.964, 301.462



89, 11.534, 299.679



68, 16.298, 223.129



47, 8.101, 299.784



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



57, 32.964, 301.462



68, 49.952, 302.146



60, 35.375, 317.561



36, 5.798, 299.692



19, 90.648, 307.612



1, 15.510, 296.867

Inverse Universe

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



61, 32.405, 333.543



74, 48.298, 334.042



71, 34.635, 134.784



36, 5.895, 332.084



35, 67.168, 339.719



3, 14.988, 335.386

Previews

White Background



This preview shows how the CIE LCh color 57, 32.965, 301.462 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 CIELCh color 57, 32.965, 301.462 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, 32.965, 301.462

Background



This preview shows how black text looks on a background with the CIELCh color 57, 32.965, 301.462.



This preview shows how white text looks on a background with the CIELCh color 57, 32.965, 301.462.

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, 32.965, 301.462

Protanopia

57, 32.107, 285.298

Deuteranopia

57, 28.656, 285.591



Tritanopia
57, 6.287, 287.468

Trichromacy



Original Color
57, 32.965, 301.462

Protanomaly
57, 31.956, 290.896

Deuteranomaly
57, 29.679, 291.644

Tritanomaly
57, 16.114, 297.217

Monochromacy



Original Color
57, 32.965, 301.462

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 12.162, 300.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 32.965, 301.462 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(142, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(142, 129, 186)  
}
```

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(142, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 129, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 32.965, 301.462 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(142, 129, 186) }
```

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

```
.border{ border-color:rgb(142, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(142, 129,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 32.965, 301.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 129, 186) }
```

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

```
.background{ background-color: rgb(142,  
129, 186) }
```

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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