

Converting Colors

CIELCh(57, 36.650, 304.099)

Have a look what the booklet for
CIELCh(57, 36.650, 304.099)
contains.

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Color

CIELCh(57, 36.671, 304.134)

Conversions

Conversions Part 1

Format	Color
Hex	927FBE
RGB	146, 127, 190
RGB Percent	57%, 50%, 75%
CMY	0.4283, 0.5028, 0.2558
CMYK	0.23, 0.33, 0.00, 0.26
HSL	258°, 33%, 62%
HSV	258°, 33%, 74%
XYZ	28.6462, 24.9227, 51.8852
YIQ	139.8630, -8.8990, 23.6210

Conversions

Conversions Part 2

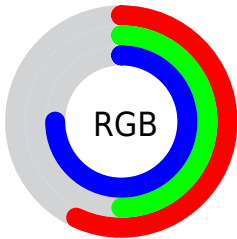
Format	Color
R_{YB}	146, 127, 190
Decimal	9600958
CIE _{Lab}	57.00, 20.58, -30.35
CIE _{LCh}	57, 36.671, 304.134
Yxy	24.9227, 0.2716, 0.2363
Android (android.graphics.Color)	4287791038 (0xFF927FBE)
YUV	139.8630, 24.7175, 5.3821
Hunter-Lab	49.9226, 15.0607, -26.6751

Details

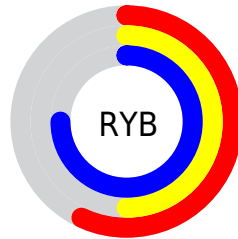
The CIELCh color $57, 36.671, 304.134$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $74, 34.297, 119.951$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 36.824, 304.090$, and $37, 36.316, 304.044$ is the 20% darker color. If you saturate the color by 10%, you get $51, 48.463, 304.993$, and if you desaturate by 10%, it is $63, 25.191, 303.350$.

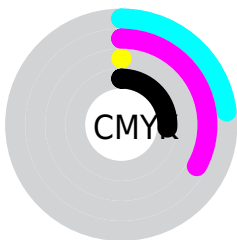
Distribution



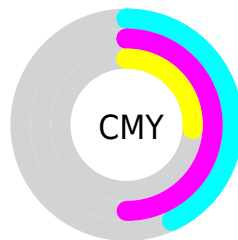
- Red (57%)
- Green (50%)
- Blue (75%)



- Red (57%)
- Yellow (50%)
- Blue (75%)



- Cyan (23%)
- Magenta (33%)
- Yellow (0%)
- Black (26%)





- Cyan (43%)
- Magenta (50%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 36.671, 304.134 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, 36.671, 304.134 by changing the saturation by 10% instead.


 57, 36.671,
304.134


 57, 36.671,
304.134


 100, 36.671,
304.134


 47, 36.671,
304.134


 77, 36.671,
304.134

 37, 36.671,
304.134

 87, 36.671,
304.134

 27, 36.671,
304.134

 97, 36.671,
304.134

 17, 36.671,
304.134

 7, 36.671, 304.134

 0, 36.671, 304.134

57, 36.671,
304.134

57, 36.671,
304.134

51, 48.463,
304.993

63, 25.191,
303.350

45, 60.438,
305.904

69, 14.080,
302.650

40, 72.314,
306.816

75, 3.350, 302.024

81, 7.005, 121.507

35, 83.565,
307.636

87, 17.000,
121.036

30, 93.330,
308.219


93, 26.653,
120.632

27, 100.489,
308.387

97, 33.471,
118.362

26, 103.986,
308.329

98, 32.852,
109.790

 99, 32.822,
107.679

Harmonies

Complementary

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



57, 36.671, 304.134



74, 34.297, 119.951

Rectangle

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



57, 36.671, 304.134



57, 36.671, 354.134



57, 36.671, 124.134



57, 36.671, 174.134

Sweetspot

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



57, 36.670, 304.134



90, 13.172, 302.454



67, 17.623, 234.954



47, 9.082, 302.545



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



57, 36.670, 304.134



68, 55.458, 304.769



60, 39.672, 320.265



37, 5.983, 302.403



20, 90.694, 308.455



1, 17.668, 298.976

Inverse Universe

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



61, 33.891, 336.760



74, 50.386, 337.385



72, 39.093, 137.041



37, 5.722, 334.946



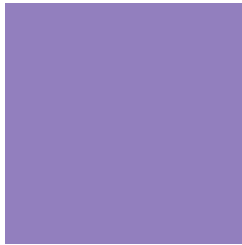
35, 64.662, 344.734



3, 16.060, 339.886

Previews

White Background



This preview shows how the CIELCh color 57, 36.671, 304.134 looks on a white background.

Color Contrast Check

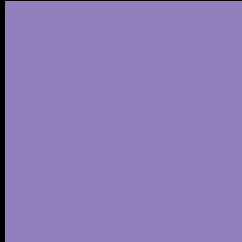
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.671, 304.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

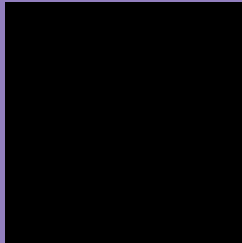
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 36.671, 304.134

Background



This preview shows how black text looks on a background with the CIELCh color 57, 36.671, 304.134.



This preview shows how white text looks on a background with the CIELCh color 57, 36.671, 304.134.

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, 36.671, 304.134

Protanopia

57, 34.991, 284.980

Deuteranopia

57, 30.400, 285.125



Tritanopia
57, 6.407, 301.218

Trichromacy



Original Color
57, 36.671, 304.134

Protanomaly
57, 35.383, 291.609

Deuteranomaly
57, 32.544, 292.726

Tritanomaly
57, 17.532, 302.944

Monochromacy



Original Color
57, 36.671, 304.134

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 13.418, 302.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 36.671, 304.134 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(146, 127, 190)` looks like.

```
.text, #text, p{  
    color:rgb(146, 127, 190)  
}
```

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(146, 127, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 127, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 36.671, 304.134 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(146, 127, 190) }
```

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

```
.border{ border-color:rgb(146, 127, 190) }
```

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

Here you see how a box with a 4 pixel rgb(146, 127, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 127, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 127, 190);  
box-shadow:4px 4px 4px 4px rgb(146, 127,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 36.671, 304.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 127, 190) }
```

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

```
.background{ background-color: rgb(146,  
127, 190) }
```

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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