

Converting Colors

CIELCh(57, 46.682, 304.641)

Have a look what the booklet for
CIELCh(57, 46.682, 304.641)
contains.

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Color

CIELCh(57, 46.405, 304.613)

Conversions

Conversions Part 1

Format	Color
Hex	947CCC
RGB	148, 124, 204
RGB Percent	58%, 49%, 80%
CMY	0.4211, 0.5152, 0.2016
CMYK	0.27, 0.39, 0.00, 0.20
HSL	258°, 44%, 64%
HSV	258°, 39%, 80%
XYZ	30.1542, 24.9227, 60.0936
YIQ	140.2960, -11.3760, 29.9680

Conversions

Conversions Part 2

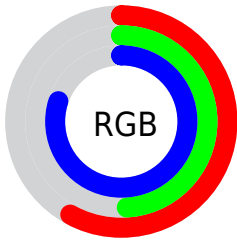
Format	Color
RYB	148, 124, 204
Decimal	9731276
CIELab	57.00, 26.36, -38.19
CIELCh	57, 46.405, 304.613
Yxy	24.9227, 0.2618, 0.2164
Android (android.graphics.Color)	4287921356 (0xFF947CCC)
YUV	140.2960, 31.4061, 6.7564
Hunter-Lab	49.9226, 20.4527, -36.4237

Details

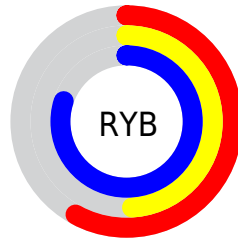
The CIELCh color **57, 46.405, 304.613** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79, 42.745, 119.535**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 43.009, 305.460**, and **37, 46.044, 304.577** is the 20% darker color. If you saturate the color by 10%, you get **51, 59.038, 305.517**, and if you desaturate by 10%, it is **63, 34.030, 303.773**.

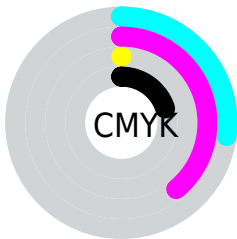
Distribution



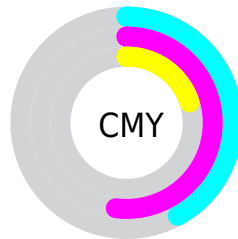
- Red (58%)
- Green (49%)
- Blue (80%)



- Red (58%)
- Yellow (49%)
- Blue (80%)



- Cyan (27%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)





- Cyan (42%)
- Magenta (52%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 46.405, 304.613 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, 46.405, 304.613 by changing the saturation by 10% instead.


 57, 46.405,
304.613


 57, 46.405,
304.613


 100, 46.405,
304.613


 47, 46.405,
304.613


 77, 46.405,
304.613

 37, 46.405,
304.613

 87, 46.405,
304.613

 27, 46.405,
304.613

 97, 46.405,
304.613

 17, 46.405,
304.613

 7, 46.405, 304.613

 0, 46.405, 304.613

57, 46.405,
304.613

57, 46.405,
304.613

51, 59.038,
305.517

63, 34.030,
303.773

45, 71.704,
306.446

70, 22.021,
303.015

39, 83.948,
307.322

76, 10.414,
302.341

34, 94.985,
308.018

82, 0.789, 121.819

31, 103.680,
308.359

89, 11.598,
121.248

28, 109.309,
308.268

95, 22.032,
120.803

28, 109.684,
308.265

98, 26.121,
114.456

99, 25.937,
108.209

Harmonies

Complementary

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



57, 46.405, 304.613



79, 42.745, 119.535

Rectangle

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



57, 46.405, 304.613



57, 46.405, 354.613



57, 46.405, 124.613



57, 46.405, 174.613

Sweetspot

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



57, 46.404, 304.613



91, 16.255, 302.527



71, 21.580, 233.542



47, 10.807, 302.615



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 46.404, 304.613



64, 67.461, 305.365



61, 49.499, 320.009



40, 6.380, 302.349



22, 93.974, 308.398



2, 23.888, 300.157

Inverse Universe

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



62, 42.337, 337.210



72, 60.134, 337.950



76, 48.579, 136.178



40, 6.110, 334.886



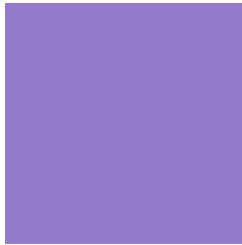
37, 66.973, 344.698



4, 22.736, 340.755

Previews

White Background



This preview shows how the CIELCh color 57, 46.405, 304.613 looks on a white background.

Color Contrast Check

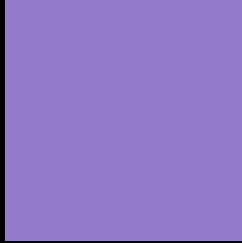
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.405, 304.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

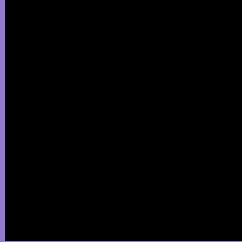
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 46.405, 304.613

Background



This preview shows how black text looks on a background with the CIELCh color 57, 46.405, 304.613.



This preview shows how white text looks on a background with the CIELCh color 57, 46.405, 304.613.

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, 46.405, 304.613

Protanopia
57, 45.247, 285.885

Deuteranopia
57, 37.477, 282.445



Tritanopia
57, 5.729, 294.671

Trichromacy



Original Color
57, 46.405, 304.613

Protanomaly
57, 45.623, 292.304

Deuteranomaly
57, 39.914, 291.137

Tritanomaly
57, 20.333, 301.611

Monochromacy



Original Color
57, 46.405, 304.613

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 16.929, 303.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 46.405, 304.613 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(148, 124, 204)` looks like.

```
.text, #text, p{  
    color:rgb(148, 124, 204)  
}
```

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(148, 124, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 124, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 46.405, 304.613 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(148, 124, 204) }
```

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

```
.border{ border-color:rgb(148, 124, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 124, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 124, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 124, 204);  
box-shadow:4px 4px 4px 4px rgb(148, 124,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 46.405, 304.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 124, 204) }
```

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

```
.background{ background-color: rgb(148,  
124, 204) }
```

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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