

Converting Colors

CIELCh(57, 23.875, 304.583)

Have a look what the booklet for
CIELCh(57, 23.875, 304.583)
contains.

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Color

CIELCh(57, 24.066, 304.779)

Conversions

Conversions Part 1

Format	Color
Hex	9082AB
RGB	144, 130, 171
RGB Percent	56%, 51%, 67%
CMY	0.4344, 0.4893, 0.3285
CMYK	0.16, 0.24, 0.00, 0.33
HSL	260°, 20%, 59%
HSV	260°, 24%, 67%
XYZ	26.9258, 24.9227, 42.0352
YIQ	138.8600, -4.8170, 15.7190

Conversions

Conversions Part 2

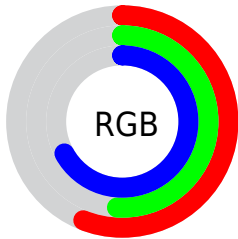
Format	Color
RYB	144, 130, 171
Decimal	9470635
CIELab	57.00, 13.73, -19.77
CIELCh	57, 24.066, 304.779
Yxy	24.9227, 0.2868, 0.2655
Android (android.graphics.Color)	4287660715 (0xFF9082AB)
YUV	138.8600, 15.8450, 4.5078
Hunter-Lab	49.9226, 8.9097, -14.9767

Details

The CIELCh color **57, 24.066, 304.779** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68, 23.038, 122.069**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 23.803, 304.731**, and **37, 24.029, 304.409** is the 20% darker color. If you saturate the color by 10%, you get **52, 34.656, 305.496**, and if you desaturate by 10%, it is **62, 13.786, 304.130**.

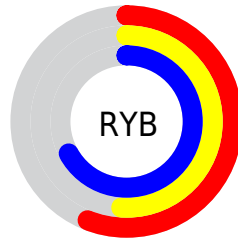
Distribution



Red (56%)

Green (51%)

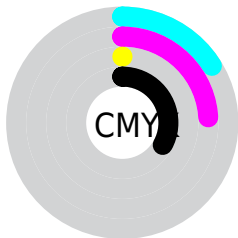
Blue (67%)



Red (56%)

Yellow (51%)

Blue (67%)

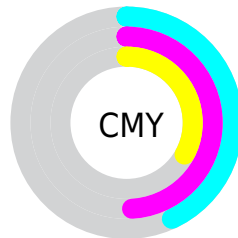


Cyan (16%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (43%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 24.066, 304.779 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, 24.066, 304.779 by changing the saturation by 10% instead.

■ 57, 24.066,
304.779

■ 57, 24.066,
304.779

■ 100, 24.066,
304.779

■ 47, 24.066,
304.779

■ 77, 24.066,
304.779

■ 37, 24.066,
304.779

■ 87, 24.066,
304.779

■ 27, 24.066,
304.779

■ 97, 24.066,
304.779

■ 17, 24.066,
304.779

■ 7, 24.066, 304.779

■ 0, 24.066, 304.779

57, 24.066,
304.779

57, 24.066,
304.779

52, 34.656,
305.496

62, 13.786,
304.130

46, 45.500,
306.271

68, 3.843, 303.545

41, 56.457,
307.079

73, 5.766, 123.064

36, 67.254,
307.867

79, 15.049,
122.617

31, 77.404,
308.547

84, 24.023,
122.232

28, 86.144,
308.986

89, 32.703,
121.900

25, 92.526,
309.024

95, 41.107,
121.614

23, 95.573,

97, 42.750,
117.637

308.961

 98, 42.109,
111.882

Harmonies

Complementary

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



57, 24.066, 304.779



68, 23.038, 122.069

Rectangle

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



57, 24.066, 304.779



57, 24.066, 354.779



57, 24.066, 124.779



57, 24.066, 174.779

Sweetspot

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



57, 24.064, 304.778



84, 8.446, 303.726



63, 12.073, 238.209



44, 5.537, 303.759



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 24.064, 304.778



69, 36.296, 305.169



59, 26.488, 320.867



34, 5.610, 303.853



20, 86.784, 309.065



1, 11.582, 300.991

Inverse Universe

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



59, 21.899, 337.763



72, 32.755, 338.221



67, 26.252, 138.558



34, 5.185, 336.629



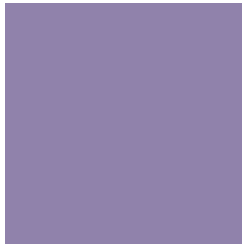
33, 60.920, 347.632



2, 10.161, 340.326

Previews

White Background



This preview shows how the CIELCh color 57, 24.066, 304.779 looks on a white background.

Color Contrast Check

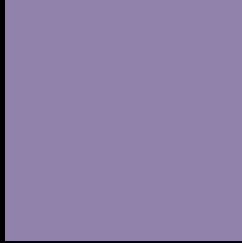
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.066, 304.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

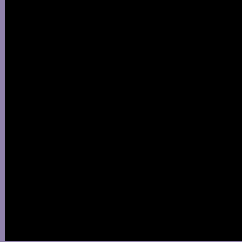
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 24.066, 304.779

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.066, 304.779.



This preview shows how white text looks on a background with the CIELCh color 57, 24.066, 304.779.

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, 24.066, 304.779

Protanopia

57, 22.916, 285.981

Deuteranopia

57, 20.562, 291.576



Tritanopia
57, 6.595, 307.793

Trichromacy



Original Color
57, 24.066, 304.779

Protanomaly
57, 23.437, 292.876

Deuteranomaly
57, 21.225, 296.423

Tritanomaly
57, 13.071, 306.536

Monochromacy



Original Color
57, 24.066, 304.779

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.790, 303.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 24.066, 304.779 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(144, 130, 171)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 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(144, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.066, 304.779 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(144, 130, 171) }
```

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

```
.border{ border-color:rgb(144, 130, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 171);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.066, 304.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 171) }
```

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

```
.background{ background-color: rgb(144,  
130, 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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