

Converting Colors

CIELCh(57, 24.174, 305.623)

Have a look what the booklet for
CIELCh(57, 24.174, 305.623)
contains.

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Color

CIELCh(57, 24.141, 305.620)

Conversions

Conversions Part 1

Format	Color
Hex	9182AB
RGB	145, 130, 171
RGB Percent	57%, 51%, 67%
CMY	0.4314, 0.4902, 0.3294
CMYK	0.15, 0.24, 0.00, 0.33
HSL	262°, 20%, 59%
HSV	262°, 24%, 67%
XYZ	27.0077, 24.9227, 41.9117
YIQ	139.1590, -4.2210, 15.9310

Conversions

Conversions Part 2

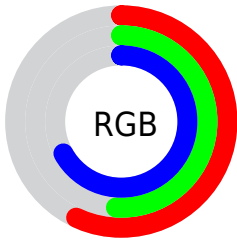
Format	Color
RYB	145, 130, 171
Decimal	9536171
CIELab	57.00, 14.06, -19.62
CIELCh	57, 24.141, 305.620
Yxy	24.9227, 0.2878, 0.2656
Android (android.graphics.Color)	4287726251 (0xFF9182AB)
YUV	139.1590, 15.6976, 5.1226
Hunter-Lab	49.9226, 9.2023, -14.8302

Details

The CIELCh color $57, 24.141, 305.620$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $68, 23.146, 123.011$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 23.880, 305.546$, and $37, 24.094, 305.291$ is the 20% darker color. If you saturate the color by 10%, you get $52, 34.732, 306.301$, and if you desaturate by 10%, it is $62, 13.847, 305.000$.

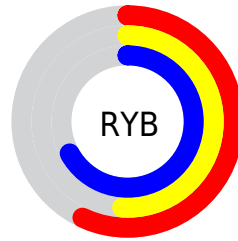
Distribution



Red (57%)

Green (51%)

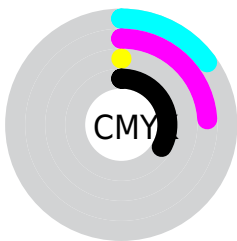
Blue (67%)



Red (57%)

Yellow (51%)

Blue (67%)

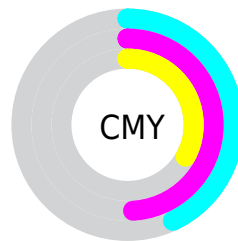


Cyan (15%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (43%)


Magenta (49%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 24.141, 305.620 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, 24.141, 305.620 by changing the saturation by 10% instead.

 57, 24.141,
305.620


 57, 24.141,
305.620


 100, 24.141,
305.620


 47, 24.141,
305.620


 77, 24.141,
305.620

 37, 24.141,
305.620

 87, 24.141,
305.620

 27, 24.141,
305.620

 97, 24.141,
305.620

 17, 24.141,
305.620

 7, 24.141, 305.620

 0, 24.141, 305.620

■ 57, 24.141,
305.620

■ 57, 24.141,
305.620

■ 52, 34.732,
306.301

■ 62, 13.847,
305.000

■ 46, 45.556,
307.031

■ 68, 3.880, 304.436

■ 73, 5.758, 123.977

■ 41, 56.465,
307.785

■ 79, 15.074,
123.543

■ 36, 67.177,
308.508

■ 84, 24.083,
123.170

■ 32, 77.203,
309.115

■ 89, 32.799,
122.848

■ 28, 85.797,
309.478


■ 95, 41.240,
122.570

■ 25, 92.052,
309.446

■ 97, 43.081,
118.925

■ 24, 95.033,

309.344

 97, 42.355,
113.476

Harmonies

Complementary

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



57, 24.141, 305.620



68, 23.146, 123.011

Rectangle

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



57, 24.141, 305.620



57, 24.141, 355.620



57, 24.141, 125.620



57, 24.141, 175.620

Sweetspot

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



57, 24.139, 305.619



84, 8.478, 304.610



63, 12.127, 240.437



44, 5.558, 304.642



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, 24.139, 305.619



69, 36.397, 305.989



59, 26.602, 321.370



34, 5.631, 304.732



20, 86.384, 309.450



1, 11.614, 301.739

Inverse Universe

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



59, 21.537, 338.879



72, 32.223, 339.353



67, 26.390, 139.017



34, 5.096, 337.706



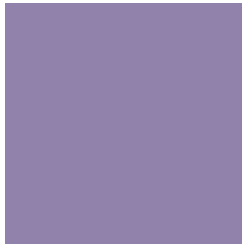
33, 60.116, 349.546



2, 9.977, 341.608

Previews

White Background



This preview shows how the CIELCh color 57, 24.141, 305.620 looks on a white background.

Color Contrast Check

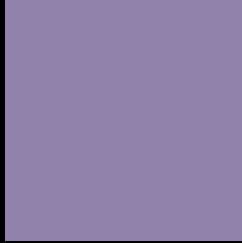
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.141, 305.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

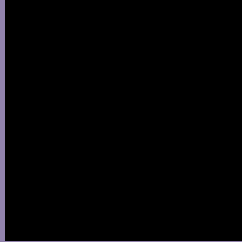
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 24.141, 305.620

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.141, 305.620.



This preview shows how white text looks on a background with the CIELCh color 57, 24.141, 305.620.

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, 24.141, 305.620

Protanopia
57, 22.916, 285.981

Deuteranopia
57, 20.562, 291.576



Tritanopia
57, 6.189, 312.742

Trichromacy



Original Color
57, 24.141, 305.620

Protanomaly
57, 23.444, 293.718

Deuteranomaly
57, 21.225, 296.423

Tritanomaly
57, 12.522, 307.190

Monochromacy



Original Color
57, 24.141, 305.620

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, 24.141, 305.620 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(145, 130, 171)` looks like.

```
.text, #text, p{  
    color:rgb(145, 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(145, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 130, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.141, 305.620 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(145, 130, 171) }
```

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

```
.border{ border-color:rgb(145, 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(145, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 130, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 130, 171);  
box-shadow:4px 4px 4px 4px rgb(145, 130,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.141, 305.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 130, 171) }
```

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

```
.background{ background-color: rgb(145,  
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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