

Converting Colors

CIELCh(57, 56.124, 303.995)

Have a look what the booklet for
CIELCh(57, 56.124, 303.995)
contains.

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Color

CIELCh(57, 55.928, 304.128)

Conversions

Conversions Part 1

Format	Color
Hex	9379DA
RGB	147, 121, 218
RGB Percent	58%, 47%, 85%
CMY	0.4237, 0.5256, 0.1453
CMYK	0.33, 0.45, 0.00, 0.15
HSL	256°, 57%, 66%
HSV	256°, 45%, 85%
XYZ	31.5052, 24.9227, 69.4473
YIQ	139.8320, -15.6410, 35.6790

Conversions

Conversions Part 2

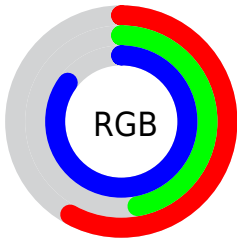
Format	Color
R_{YB}	147, 121, 218
Decimal	9664986
CIE _{Lab}	57.00, 31.38, -46.30
CIE _{LCh}	57, 55.928, 304.128
Yxy	24.9227, 0.2503, 0.1980
Android (android.graphics.Color)	4287855066 (0xFF9379DA)
YUV	139.8320, 38.5368, 6.2863
Hunter-Lab	49.9226, 25.2832, -47.5325

Details

The CIELCh color $57, 55.928, 304.128$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $83, 50.597, 117.914$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 44.802, 305.942$, and $37, 55.547, 304.196$ is the 20% darker color. If you saturate the color by 10%, you get $50, 69.403, 305.146$, and if you desaturate by 10%, it is $64, 42.662, 303.173$.

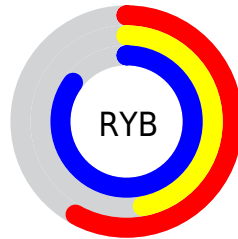
Distribution



Red (58%)

Green (47%)

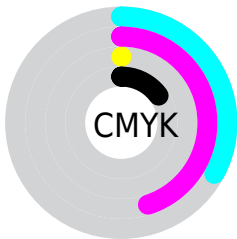
Blue (85%)



Red (58%)

Yellow (47%)

Blue (85%)

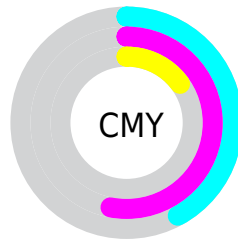


Cyan (33%)

Magenta (45%)

Yellow (0%)

Black (15%)



Cyan (42%)


Magenta (53%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 55.928, 304.128 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, 55.928, 304.128 by changing the saturation by 10% instead.


 57, 55.928,
304.128


 57, 55.928,
304.128


 100, 55.928,
304.128


 47, 55.928,
304.128


 77, 55.928,
304.128

 37, 55.928,
304.128

 87, 55.928,
304.128

 27, 55.928,
304.128

 97, 55.928,
304.128

 17, 55.928,
304.128

 7, 55.928, 304.128

 0, 55.928, 304.128

57, 55.928,
304.128

57, 55.928,
304.128

50, 69.403,
305.146

64, 42.662,
303.173

44, 82.741,
306.167

70, 29.766,
302.308

39, 95.276,
307.082

77, 17.301,
301.539

34, 105.912,
307.723

84, 5.280, 300.861

91, 6.309, 120.289

31, 113.291,
307.894

97, 17.484,
119.779

29, 116.094,
307.845

99, 18.730,
108.761

Harmonies

Complementary

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



57, 55.928, 304.128



83, 50.597, 117.914

Rectangle

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



57, 55.928, 304.128



57, 55.928, 354.128



57, 55.928, 124.128



57, 55.928, 174.128

Sweetspot

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



57, 55.927, 304.128



90, 17.572, 301.440



74, 25.271, 231.999



46, 12.345, 301.600



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, 55.927, 304.128



60, 76.568, 305.039



62, 58.957, 319.700



42, 6.745, 301.185



22, 97.711, 307.974



3, 30.087, 301.516

Inverse Universe

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



64, 51.446, 336.269



69, 68.314, 337.045



80, 57.622, 135.374



43, 6.634, 333.618



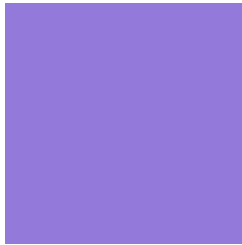
39, 70.661, 342.506



6, 28.635, 339.485

Previews

White Background



This preview shows how the CIELCh color 57, 55.928, 304.128 looks on a white background.

Color Contrast Check

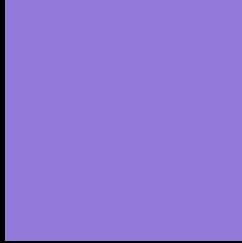
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.928, 304.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

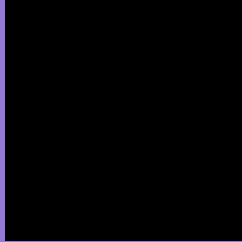
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 55.928, 304.128

Background



This preview shows how black text looks on a background with the CIELCh color 57, 55.928, 304.128.



This preview shows how white text looks on a background with the CIELCh color 57, 55.928, 304.128.

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





Tritanopia
57, 6.515, 274.152

Trichromacy



Original Color
57, 55.928, 304.128

Protanomaly
57, 55.225, 292.292

Deuteranomaly
57, 48.497, 289.890

Tritanomaly
57, 24.180, 297.908

Monochromacy



Original Color
57, 55.928, 304.128

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 20.368, 302.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 55.928, 304.128 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(147, 121, 218)` looks like.

```
.text, #text, p{  
    color:rgb(147, 121, 218)  
}
```

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(147, 121, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 121, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 55.928, 304.128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

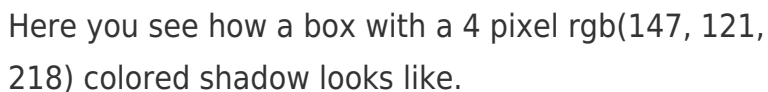
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 121, 218) }
```

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

```
.border{ border-color:rgb(147, 121, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 121, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 121, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 121, 218); box-shadow:4px 4px 4px 4px rgb(147, 121, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 55.928, 304.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 121, 218) }
```

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

```
.background{ background-color: rgb(147,  
121, 218) }
```

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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