

Converting Colors

CIELCh(38, 95.213, 319.636)

Have a look what the booklet for
CIELCh(38, 95.213, 319.636)
contains.

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Color

CIELCh(38, 95.309, 319.641)

Conversions

Conversions Part 1

Format	Color
Hex	9401C0
RGB	148, 1, 192
RGB Percent	58%, 0%, 75%
CMY	0.4208, 0.9952, 0.2482
CMYK	0.23, 0.99, 0.00, 0.25
HSL	286°, 99%, 38%
HSV	286°, 99%, 75%
XYZ	21.6555, 10.0881, 50.5101
YIQ	66.7270, 26.3010, 90.5650

Conversions

Conversions Part 2

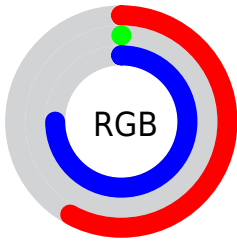
Format	Color
R_{YB}	148, 1, 192
Decimal	9699776
CIE _{Lab}	38.00, 72.63, -61.72
CIE _{LCh}	38, 95.309, 319.641
Yxy	10.0881, 0.2633, 0.1226
Android (android.graphics.Color)	4287889856 (0xFF9401C0)
YUV	66.7270, 61.7596, 71.2764
Hunter-Lab	31.7617, 66.1205, -72.0546

Details

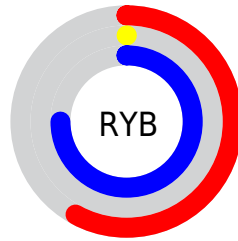
The CIELCh color **38, 95.309, 319.641** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **68, 94.235, 134.263**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **58, 95.390, 319.777**, and **24, 75.954, 316.288** is the 20% darker color. If you saturate the color by 10%, you get **38, 95.490, 319.611**, and if you desaturate by 10%, it is **40, 92.196, 320.109**.

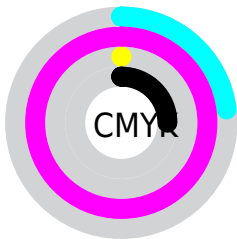
Distribution



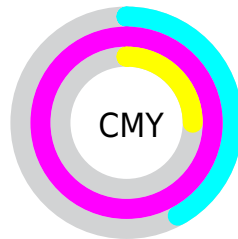
- Red (58%)
- Green (0%)
- Blue (75%)



- Red (58%)
- Yellow (0%)
- Blue (75%)



- Cyan (23%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)





- Cyan (42%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 95.309, 319.641 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 38, 95.309, 319.641 by changing the saturation by 10% instead.


 38, 95.309,
319.641


 38, 95.309,
319.641

 100, 95.309,
319.641


 28, 95.309,
319.641

 58, 95.309,
319.641


 18, 95.309,
319.641


 68, 95.309,
319.641

 8, 95.309, 319.641

 78, 95.309,
319.641

 0, 95.309, 319.641

 88, 95.309,
319.641

 98, 95.309,
319.641

■ 38, 95.309,
319.641

■ 38, 95.309,
319.641

■ 38, 95.490,
319.611

■ 40, 92.196,
320.109

■ 42, 86.832,
320.355

■ 45, 79.124,
320.374

■ 49, 69.565,
320.216

■ 53, 58.723,
319.929

■ 57, 47.110,
319.560

■ 62, 35.120,
319.143

■ 67, 23.037,

318.705

■ 73, 11.045,
318.258

Harmonies

Complementary

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



38, 95.309, 319.641



68, 94.235, 134.263

Rectangle

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



38, 95.309, 319.641



38, 95.309, 9.641



38, 95.309, 139.641



38, 95.309, 189.641

Sweetspot

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



38, 95.308, 319.641



79, 44.521, 319.192



29, 90.537, 301.176



39, 30.389, 319.372



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



38, 95.308, 319.641



50, 116.612, 319.484



43, 76.063, 342.444



38, 6.749, 318.259



31, 83.729, 319.713



3, 21.723, 316.106

Inverse Universe

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



40, 73.290, 26.871



53, 90.541, 28.177



68, 87.310, 140.234



38, 4.380, 1.730



33, 64.176, 26.376



3, 14.377, 7.000

Previews

White Background



This preview shows how the CIELCh color 38, 95.309, 319.641 looks on a white background.

Color Contrast Check

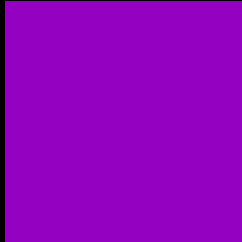
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 38, 95.309, 319.641 looks on a black 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

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

CIELCh 38, 95.309, 319.641

Background



This preview shows how black text looks on a background with the CIELCh color 38, 95.309, 319.641.



This preview shows how white text looks on a background with the CIELCh color 38, 95.309, 319.641.

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

38, 95.438, 319.658

Protanopia

39, 60.055, 286.384

Deuteranopia

39, 43.846, 274.938



Tritanopia
39, 25.380, 15.478

Trichromacy



Original Color
38, 95.438, 319.658

Protanomaly
33, 81.142, 301.369

Deuteranomaly
32, 70.338, 299.735

Tritanomaly
36, 51.904, 333.970

Monochromacy



Original Color
38, 95.438, 319.658

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 46.576, 320.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 95.309, 319.641 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, 1, 192)` looks like.

```
.text, #text, p{  
    color:rgb(148, 1, 192)  
}
```

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, 1, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 1, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 95.309, 319.641 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, 1, 192) }
```

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

```
.border{ border-color:rgb(148, 1, 192) }
```

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

Here you see how a box with a 4 pixel rgb(148, 1, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 1, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 1, 192);  
box-shadow:4px 4px 4px 4px rgb(148, 1,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 95.309, 319.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 1, 192) }
```

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

```
.background{ background-color: rgb(148, 1,  
192) }
```

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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