

Converting Colors

CIELCh(38, 85.323, 324.000)

Have a look what the booklet for
CIELCh(38, 85.323, 324.000)
contains.

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Color

CIELCh(38, 85.202, 324.077)

Conversions

Conversions Part 1

Format	Color
Hex	9A0BAC
RGB	154, 11, 172
RGB Percent	60%, 4%, 67%
CMY	0.3961, 0.9568, 0.3255
CMYK	0.10, 0.94, 0.00, 0.33
HSL	293°, 88%, 36%
HSV	293°, 94%, 67%
XYZ	20.8927, 10.0881, 39.8758
YIQ	72.1110, 33.5470, 80.3870

Conversions

Conversions Part 2

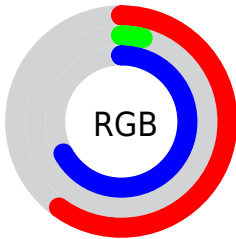
Format	Color
RYB	154, 11, 172
Decimal	10095532
CIELab	38.00, 69.00, -49.99
CIElCh	38, 85.202, 324.077
Yxy	10.0881, 0.2949, 0.1424
Android (android.graphics.Color)	4288285612 (0xFF9A0BAC)
YUV	72.1110, 49.2453, 71.8167
Hunter-Lab	31.7617, 61.8336, -52.2035

Details

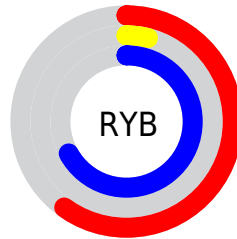
The CIELCh color **38, 85.202, 324.077** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **61, 86.668, 135.510**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 85.052, 324.064**, and **23, 66.761, 321.777** is the 20% darker color. If you saturate the color by 10%, you get **37, 86.707, 323.933**, and if you desaturate by 10%, it is **39, 81.669, 324.216**.

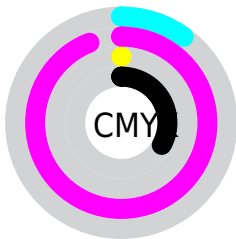
Distribution



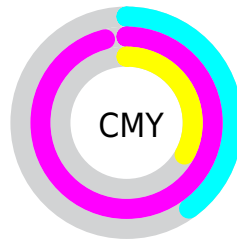
- Red (60%)
- Green (4%)
- Blue (67%)



- Red (60%)
- Yellow (4%)
- Blue (67%)



- Cyan (10%)
- Magenta (94%)
- Yellow (0%)
- Black (33%)





- Cyan (40%)
- Magenta (96%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 85.202, 324.077 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, 85.202, 324.077 by changing the saturation by 10% instead.


 38, 85.202,
324.077


 38, 85.202,
324.077

 100, 85.202,
324.077


 28, 85.202,
324.077

 58, 85.202,
324.077

 18, 85.202,
324.077


 68, 85.202,
324.077

 8, 85.202, 324.077

 78, 85.202,
324.077

 0, 85.202, 324.077

 88, 85.202,
324.077

 98, 85.202,
324.077

■ 38, 85.202,
324.077

■ 38, 85.202,
324.077

■ 37, 86.707,
323.933

■ 39, 81.669,
324.216

■ 41, 75.945,
324.193

■ 44, 68.264,
324.026

■ 47, 59.048,
323.743

■ 51, 48.762,
323.375

■ 55, 37.825,
322.950

■ 60, 26.571,
322.489

■ 64, 15.242,

322.010

■ 69, 4.005, 321.499

Harmonies

Complementary

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



38, 85.202, 324.077



61, 86.668, 135.510

Rectangle

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



38, 85.202, 324.077



38, 85.202, 14.077



38, 85.202, 144.077



38, 85.202, 194.077

Sweetspot

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



38, 85.200, 324.077



73, 39.165, 322.718



24, 88.967, 303.405



36, 26.991, 322.909



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



38, 85.200, 324.077



49, 105.770, 323.859



38, 65.096, 349.651



34, 6.369, 321.800



32, 78.564, 323.978



2, 13.186, 320.034

Inverse Universe

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



36, 69.526, 32.294



47, 90.005, 35.814



62, 70.881, 145.416



34, 3.853, 10.899



31, 65.833, 34.428



2, 7.884, 11.864

Previews

White Background



This preview shows how the CIELCh color 38, 85.202, 324.077 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, 85.202, 324.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

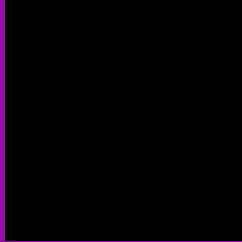
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 85.202, 324.077

Background



This preview shows how black text looks on a background with the CIELCh color 38, 85.202, 324.077.



This preview shows how white text looks on a background with the CIELCh color 38, 85.202, 324.077.

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, 85.202, 324.077

Protanopia

39, 60.124, 286.620

Deuteranopia

39, 43.382, 277.521



Tritanopia
38, 33.946, 20.354

Trichromacy



Original Color
38, 85.202, 324.077



Protanomaly
33, 74.790, 300.470



Deuteranomaly
33, 63.944, 301.800



Tritanomaly
36, 49.785, 343.877

Monochromacy



Original Color
38, 85.202, 324.077



Achromatopsia
31, 0.005, 296.813



Achromatomaly
30, 40.642, 323.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 85.202, 324.077 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(154, 11, 172)` looks like.

```
.text, #text, p{  
    color:rgb(154, 11, 172)  
}
```

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(154, 11, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 11, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 85.202, 324.077 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(154, 11, 172) }
```

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

```
.border{ border-color:rgb(154, 11, 172) }
```

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

Here you see how a box with a 4 pixel rgb(154, 11, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 11, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 11, 172);  
box-shadow:4px 4px 4px 4px rgb(154, 11,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 85.202, 324.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 11, 172) }
```

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

```
.background{ background-color: rgb(154, 11,  
172) }
```

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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