

Converting Colors

CIELCh(38, 79.061, 328.157)

Have a look what the booklet for
CIELCh(38, 79.061, 328.157)
contains.

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Color

CIELCh(38, 78.907, 328.152)

Conversions

Conversions Part 1

Format	Color
Hex	9E0E9E
RGB	158, 14, 158
RGB Percent	62%, 5%, 62%
CMY	0.3797, 0.9434, 0.3797
CMYK	0.00, 0.91, 0.00, 0.38
HSL	300°, 83%, 34%
HSV	300°, 91%, 62%
XYZ	20.4863, 10.0881, 33.2936
YIQ	73.4720, 39.6000, 75.3120

Conversions

Conversions Part 2

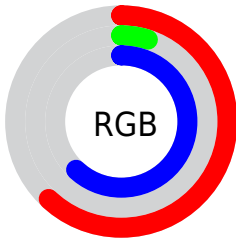
Format	Color
R _Y B	158, 14, 158
Decimal	10358430
CIE Lab	38.00, 67.03, -41.64
CIE LCh	38, 78.907, 328.152
Yxy	10.0881, 0.3208, 0.1580
Android (android.graphics.Color)	4288548510 (0xFF9E0E9E)
YUV	73.4720, 41.6723, 74.1311
Hunter-Lab	31.7617, 59.5496, -39.9165

Details

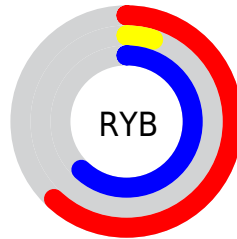
The CIELCh color **38, 78.907, 328.152** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **57, 81.434, 136.455**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 78.657, 328.175**, and **23, 60.697, 326.822** is the 20% darker color. If you saturate the color by 10%, you get **37, 80.876, 328.236**, and if you desaturate by 10%, it is **39, 75.326, 327.999**.

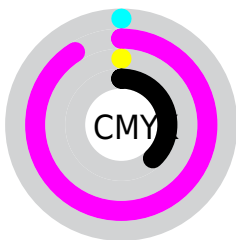
Distribution



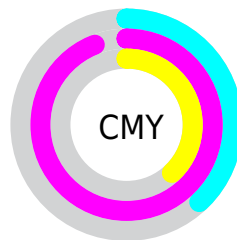
- Red (62%)
- Green (5%)
- Blue (62%)



- Red (62%)
- Yellow (5%)
- Blue (62%)



- Cyan (0%)
- Magenta (91%)
- Yellow (0%)
- Black (38%)





- Cyan (38%)
- Magenta (94%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 78.907, 328.152 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, 78.907, 328.152 by changing the saturation by 10% instead.


 38, 78.907,
328.152


 38, 78.907,
328.152

 100, 78.907,
328.152


 28, 78.907,
328.152

 58, 78.907,
328.152


 18, 78.907,
328.152


 68, 78.907,
328.152

 8, 78.907, 328.152

 78, 78.907,
328.152

 0, 78.907, 328.152

 88, 78.907,
328.152

 98, 78.907,
328.152

■ 38, 78.907,
328.152

■ 38, 78.907,
328.152

■ 37, 80.876,
328.236

■ 39, 75.326,
327.999

■ 41, 69.778,
327.757

■ 43, 62.447,
327.432

■ 46, 53.681,
327.034

■ 49, 43.881,
326.577

■ 53, 33.429,
326.078

■ 57, 22.640,
325.552

■ 61, 11.755,

325.008

■ 65, 0.945, 324.262

Harmonies

Complementary

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



38, 78.907, 328.152



57, 81.434, 136.455

Rectangle

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



38, 78.907, 328.152



38, 78.907, 18.152



38, 78.907, 148.152



38, 78.907, 198.152

Sweetspot

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



38, 78.905, 328.152



69, 36.372, 325.905



20, 88.754, 305.306



35, 24.676, 326.070



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



38, 78.905, 328.152



49, 98.586, 328.236



35, 58.041, 358.133



31, 6.104, 324.918



34, 75.042, 328.236



1, 7.944, 324.441

Inverse Universe

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



38, 78.905, 328.152



49, 98.586, 328.236



57, 58.408, 151.376



31, 6.104, 324.918



34, 75.042, 328.236



1, 7.944, 324.441

Previews

White Background



This preview shows how the CIELCh color 38, 78.907, 328.152 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, 78.907, 328.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

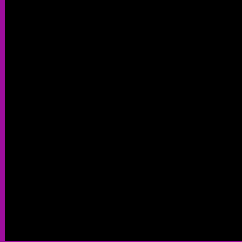
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 78.907, 328.152

Background



This preview shows how black text looks on a background with the CIELCh color 38, 78.907, 328.152.



This preview shows how white text looks on a background with the CIELCh color 38, 78.907, 328.152.

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, 78.907, 328.152

Protanopia

39, 60.124, 286.620

Deuteranopia

39, 35.634, 279.173



Tritanopia
38, 39.341, 23.134

Trichromacy



Original Color
38, 78.907, 328.152



Protanomaly
33, 71.287, 300.189



Deuteranomaly
35, 55.102, 307.020



Tritanomaly
37, 49.781, 351.459

Monochromacy



Original Color
38, 78.907, 328.152



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 38.258, 326.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 78.907, 328.152 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(158, 14, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 14, 158)  
}
```

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(158, 14, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 14, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 78.907, 328.152 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(158, 14, 158) }
```

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

```
.border{ border-color:rgb(158, 14, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 14, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 14, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 14, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 14,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 78.907, 328.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 14, 158) }
```

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

```
.background{ background-color: rgb(158, 14,  
158) }
```

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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