

Converting Colors

CIELCh(35, 68.469, 339.087)

Have a look what the booklet for
CIELCh(35, 68.469, 339.087)
contains.

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Color

CIELCh(35, 68.176, 339.014)

Conversions

Conversions Part 1

Format	Color
Hex	9C007A
RGB	156, 0, 122
RGB Percent	61%, 0%, 48%
CMY	0.3865, 1.0000, 0.5196
CMYK	0.00, 1.00, 0.22, 0.39
HSL	313°, 100%, 31%
HSV	313°, 100%, 61%
XYZ	17.3222, 8.4984, 19.3002
YIQ	60.5520, 53.8140, 71.0140

Conversions

Conversions Part 2

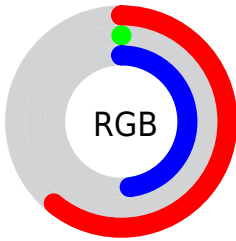
Format	Color
RYB	156, 0, 122
Decimal	10223738
CIELab	35.00, 63.65, -24.42
CIELCh	35, 68.176, 339.014
Yxy	8.4984, 0.3839, 0.1883
Android (android.graphics.Color)	4288413818 (0xFF9C007A)
YUV	60.5520, 30.2939, 83.7079
Hunter-Lab	29.1520, 55.0489, -18.8467

Details

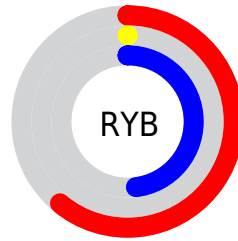
The CIELCh color **35, 68.176, 339.014** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **56, 77.093, 139.165**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 67.881, 338.909**, and **21, 47.875, 341.681** is the 20% darker color. If you saturate the color by 10%, you get **35, 67.979, 339.034**, and if you desaturate by 10%, it is **36, 66.736, 337.924**.

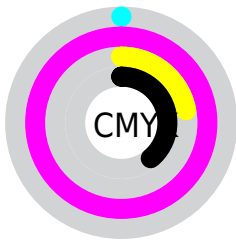
Distribution



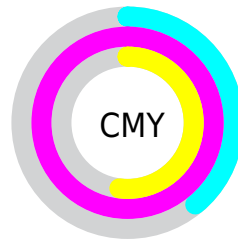
- Red (61%)
- Green (0%)
- Blue (48%)



- Red (61%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 68.176, 339.014 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 35, 68.176, 339.014 by changing the saturation by 10% instead.


 35, 68.176,
339.014


 35, 68.176,
339.014

 100, 68.176,
339.014

 25, 68.176,
339.014

 55, 68.176,
339.014


 15, 68.176,
339.014


 65, 68.176,
339.014

 5, 68.176, 339.014

 75, 68.176,
339.014

 0, 68.176, 339.014

 85, 68.176,
339.014

 95, 68.176,
339.014

■ 35, 68.176,
339.014

■ 35, 68.176,
339.014

■ 35, 67.979,
339.034

■ 36, 66.736,
337.924

■ 37, 63.968,
336.926

■ 39, 59.280,
336.039

■ 42, 52.928,
335.228

■ 45, 45.297,
334.466

■ 48, 36.792,
333.742

■ 52, 27.769,
333.045

■ 56, 18.507,

332.372

■ 60, 9.208, 331.716

Harmonies

Complementary

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



35, 68.176, 339.014



56, 77.093, 139.165

Rectangle

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



35, 68.176, 339.014



35, 68.176, 29.014



35, 68.176, 159.014



35, 68.176, 209.014

Sweetspot

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



35, 67.979, 339.034



67, 34.468, 333.085



19, 91.173, 307.498



33, 23.421, 333.354



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



35, 67.979, 339.034



46, 82.520, 339.298



32, 61.095, 21.797



31, 5.249, 331.667



32, 63.672, 338.930



1, 6.661, 332.354

Inverse Universe

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



35, 67.979, 339.034



46, 82.520, 339.298



57, 47.793, 163.504



31, 5.249, 331.667



32, 63.672, 338.930



1, 6.661, 332.354

Previews

White Background



This preview shows how the CIELCh color 35, 68.176, 339.014 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 35, 68.176, 339.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

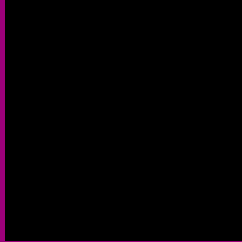
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 68.176, 339.014

Background



This preview shows how black text looks on a background with the CIELCh color 35, 68.176, 339.014.



This preview shows how white text looks on a background with the CIELCh color 35, 68.176, 339.014.

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
36, 48.610, 27.423

Trichromacy



Original Color
35, 67.795, 339.093

Protanomaly
29, 64.911, 303.464

Deuteranomaly
32, 44.163, 321.481

Tritanomaly
35, 52.156, 4.424

Monochromacy



Original Color
35, 67.795, 339.093

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 35.209, 335.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 68.176, 339.014 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(156, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 122)  
}
```

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(156, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 68.176, 339.014 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(156, 0, 122) }
```

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

```
.border{ border-color:rgb(156, 0, 122) }
```

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

Here you see how a box with a 4 pixel rgb(156, 0, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(156, 0,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 68.176, 339.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 0, 122) }
```

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

```
.background{ background-color: rgb(156, 0,  
122) }
```

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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