

Converting Colors

CIELCh(35, 70.948, 335.365)

Have a look what the booklet for
CIELCh(35, 70.948, 335.365)
contains.

CIELCh(35, 70.714, 335.416)	3
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Color

CIELCh(35, 70.714, 335.416)

Conversions

Conversions Part 1

Format	Color
Hex	9A0082
RGB	154, 0, 130
RGB Percent	60%, 0%, 51%
CMY	0.3946, 1.0000, 0.4885
CMYK	0.00, 1.00, 0.16, 0.39
HSL	309°, 100%, 30%
HSV	309°, 100%, 61%
XYZ	17.4416, 8.4984, 21.9947
YIQ	60.8660, 50.0540, 73.0780

Conversions

Conversions Part 2

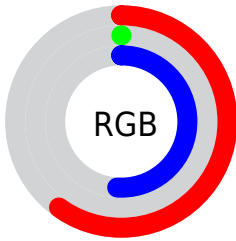
Format	Color
RYB	154, 0, 130
Decimal	10092674
CIELab	35.00, 64.30, -29.42
CIElCh	35, 70.714, 335.416
Yxy	8.4984, 0.3639, 0.1773
Android (android.graphics.Color)	4288282754 (0xFF9A0082)
YUV	60.8660, 34.0831, 81.6785
Hunter-Lab	29.1520, 55.7804, -24.3270

Details

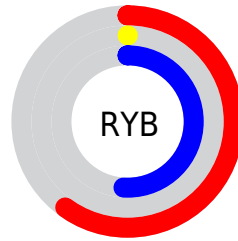
The CIELCh color **35, 70.714, 335.416** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55, 78.663, 137.909**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 70.249, 335.570**, and **21, 50.111, 336.550** is the 20% darker color. If you saturate the color by 10%, you get **35, 70.496, 335.427**, and if you desaturate by 10%, it is **36, 69.022, 334.690**.

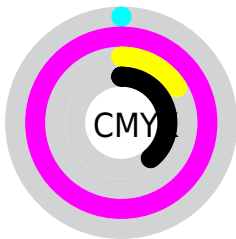
Distribution



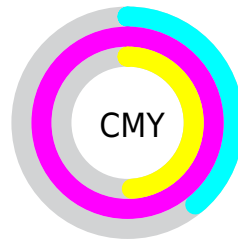
- Red (60%)
- Green (0%)
- Blue (51%)



- Red (60%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 70.714, 335.416 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, 70.714, 335.416 by changing the saturation by 10% instead.


 35, 70.714,
335.416


 35, 70.714,
335.416

 100, 70.714,
335.416


 25, 70.714,
335.416

 55, 70.714,
335.416


 15, 70.714,
335.416


 65, 70.714,
335.416

 5, 70.714, 335.416

 75, 70.714,
335.416

 0, 70.714, 335.416

 85, 70.714,
335.416

 95, 70.714,
335.416

■ 35, 70.714,
335.416

■ 35, 70.714,
335.416

■ 35, 70.496,
335.427

■ 36, 69.022,
334.690

■ 37, 66.039,
333.995

■ 39, 61.144,
333.335

■ 42, 54.580,
332.693

■ 45, 46.720,
332.059

■ 48, 37.965,
331.428

■ 52, 28.670,
330.802

■ 55, 19.118,

330.183

■ 60, 9.517, 329.569

Harmonies

Complementary

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



35, 70.714, 335.416



55, 78.663, 137.909

Rectangle

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



35, 70.714, 335.416



35, 70.714, 25.416



35, 70.714, 155.416



35, 70.714, 205.416

Sweetspot

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



35, 70.496, 335.427



66, 35.604, 330.839



18, 91.010, 306.965



33, 24.436, 331.084



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, 70.496, 335.427



46, 85.661, 335.595



32, 58.889, 15.628



30, 5.337, 329.520



32, 65.787, 335.357



1, 5.681, 329.439

Inverse Universe

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



35, 70.496, 335.427



46, 85.661, 335.595



56, 51.367, 158.450



30, 5.337, 329.520



32, 65.787, 335.357



1, 5.681, 329.439

Previews

White Background



This preview shows how the CIELCh color 35, 70.714, 335.416 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, 70.714, 335.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

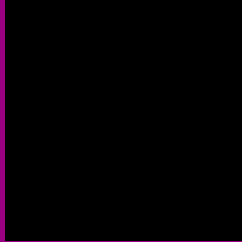
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 70.714, 335.416

Background



This preview shows how black text looks on a background with the CIELCh color 35, 70.714, 335.416.



This preview shows how white text looks on a background with the CIELCh color 35, 70.714, 335.416.

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

35, 70.330, 335.466

Deuteranopia

36, 23.210, 282.027

Tritanopia

36, 45.756, 26.460

Trichromacy



Original Color
35, 70.330, 335.466

Deuteranomaly
32, 46.818, 316.780

Tritanomaly
34, 51.313, 0.246

Monochromacy



Original Color
35, 70.330, 335.466

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 36.298, 332.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 70.714, 335.416 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, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(154, 0, 130)  
}
```

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, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 0, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 70.714, 335.416 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, 0, 130) }
```

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

```
.border{ border-color:rgb(154, 0, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 0, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(154, 0,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 70.714, 335.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 0, 130) }
```

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

```
.background{ background-color: rgb(154, 0,  
130) }
```

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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