

Converting Colors

CIELCh(34, 69.106, 335.500)

Have a look what the booklet for
CIELCh(34, 69.106, 335.500)
contains.

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Color

CIELCh(34, 69.137, 335.311)

Conversions

Conversions Part 1

Format	Color
Hex	96007F
RGB	150, 0, 127
RGB Percent	59%, 0%, 50%
CMY	0.4119, 1.0000, 0.5021
CMYK	0.00, 1.00, 0.15, 0.41
HSL	309°, 100%, 29%
HSV	309°, 100%, 59%
XYZ	16.3957, 8.0082, 20.7456
YIQ	59.3280, 48.6330, 71.2970

Conversions

Conversions Part 2

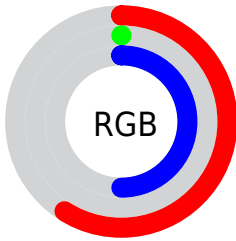
Format	Color
RYB	150, 0, 127
Decimal	9830527
CIELab	34.00, 62.82, -28.88
CIElCh	34, 69.137, 335.311
Yxy	8.0082, 0.3631, 0.1774
Android (android.graphics.Color)	4288020607 (0xFF96007F)
YUV	59.3280, 33.3623, 79.5193
Hunter-Lab	28.2988, 53.8957, -23.6557

Details

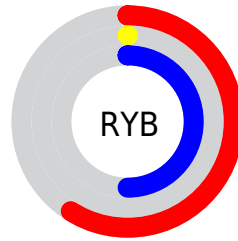
The CIELCh color **34, 69.137, 335.311** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54, 76.993, 137.915**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 69.129, 335.427**, and **20, 48.806, 336.345** is the 20% darker color. If you saturate the color by 10%, you get **34, 69.120, 335.312**, and if you desaturate by 10%, it is **35, 67.607, 334.589**.

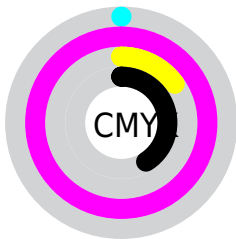
Distribution



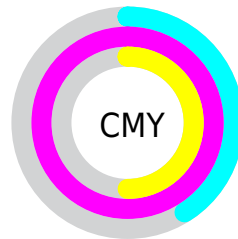
- Red (59%)
- Green (0%)
- Blue (50%)



- Red (59%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 69.137, 335.311 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 34, 69.137, 335.311 by changing the saturation by 10% instead.


 34, 69.137,
335.311


 34, 69.137,
335.311

 100, 69.137,
335.311


 24, 69.137,
335.311

 54, 69.137,
335.311


 14, 69.137,
335.311


 64, 69.137,
335.311

 4, 69.137, 335.311

 74, 69.137,
335.311

 0, 69.137, 335.311

 84, 69.137,
335.311

 94, 69.137,
335.311

■ 34, 69.137,
335.311

■ 34, 69.137,
335.311

■ 34, 69.120,
335.312

■ 35, 67.607,
334.589

■ 36, 64.647,
333.904

■ 38, 59.827,
333.252

■ 40, 53.386,
332.617

■ 43, 45.688,
331.987

■ 47, 37.121,
331.360

■ 50, 28.030,
330.737

■ 54, 18.691,

330.121

■ 58, 9.304, 329.509

Harmonies

Complementary

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



34, 69.137, 335.311



54, 76.993, 137.915

Rectangle

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



34, 69.137, 335.311



34, 69.137, 25.311



34, 69.137, 155.311



34, 69.137, 205.311

Sweetspot

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



34, 69.120, 335.312



64, 34.543, 330.774



17, 89.071, 306.979



31, 23.455, 331.010



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



34, 69.120, 335.312



44, 83.356, 335.476



31, 57.619, 15.478



29, 5.195, 329.460



31, 65.013, 335.249



1, 4.516, 328.949

Inverse Universe

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



34, 69.120, 335.312



44, 83.356, 335.476



55, 50.231, 158.510



29, 5.195, 329.460



31, 65.013, 335.249



1, 4.516, 328.949

Previews

White Background



This preview shows how the CIELCh color 34, 69.137, 335.311 looks on a white background.

Color Contrast Check

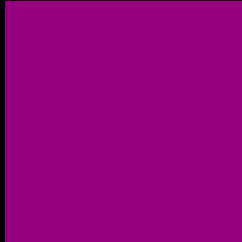
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 34, 69.137, 335.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

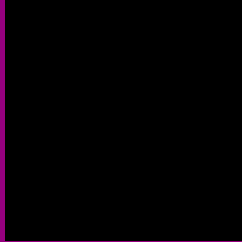
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 69.137, 335.311

Background



This preview shows how black text looks on a background with the CIELCh color 34, 69.137, 335.311.



This preview shows how white text looks on a background with the CIELCh color 34, 69.137, 335.311.

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

34, 69.137, 335.311

Deuteranopia

35, 23.289, 282.993

Tritanopia

35, 44.078, 26.164

Trichromacy



Original Color
34, 69.137, 335.311

Deuteranomaly
31, 46.323, 316.643

Tritanomaly
33, 49.983, 0.223

Monochromacy



Original Color
34, 69.137, 335.311

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 35.542, 332.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 69.137, 335.311 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(150, 0, 127)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 127)  
}
```

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(150, 0, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 69.137, 335.311 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(150, 0, 127) }
```

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

```
.border{ border-color:rgb(150, 0, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 0, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 127);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 69.137, 335.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 127) }
```

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

```
.background{ background-color: rgb(150, 0,  
127) }
```

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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