

Converting Colors

CIELCh(34, 78.159, 326.327)

Have a look what the booklet for
CIELCh(34, 78.159, 326.327)
contains.

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Color

CIELCh(34, 77.974, 326.430)

Conversions

Conversions Part 1

Format	Color
Hex	8F0096
RGB	143, 0, 150
RGB Percent	56%, 0%, 59%
CMY	0.4400, 1.0000, 0.4125
CMYK	0.05, 1.00, 0.00, 0.41
HSL	297°, 100%, 29%
HSV	297°, 100%, 59%
XYZ	16.7788, 8.0082, 29.4373
YIQ	59.8570, 37.0780, 76.9660

Conversions

Conversions Part 2

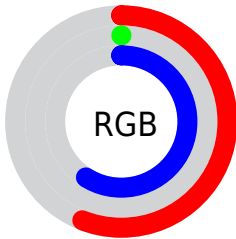
Format	Color
RYB	143, 0, 150
Decimal	9371798
CIELab	34.00, 64.97, -43.12
CIElCh	34, 77.974, 326.430
Yxy	8.0082, 0.3094, 0.1477
Android (android.graphics.Color)	4287561878 (0xFF8F0096)
YUV	59.8570, 44.4405, 72.9164
Hunter-Lab	28.2988, 56.3128, -41.8661

Details

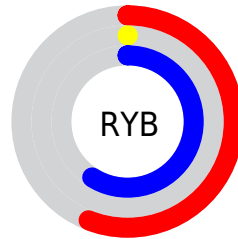
The CIELCh color **34, 77.974, 326.430** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **54, 80.276, 135.766**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 77.982, 326.302**, and **20, 57.704, 324.506** is the 20% darker color. If you saturate the color by 10%, you get **34, 77.904, 326.426**, and if you desaturate by 10%, it is **35, 75.549, 326.453**.

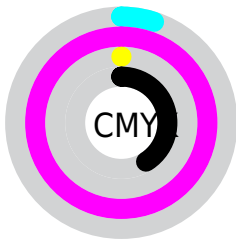
Distribution



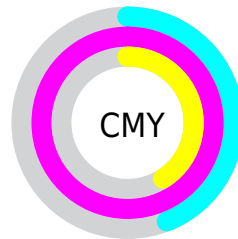
- Red (56%)
- Green (0%)
- Blue (59%)



- Red (56%)
- Yellow (0%)
- Blue (59%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 77.974, 326.430 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, 77.974, 326.430 by changing the saturation by 10% instead.


 34, 77.974,
326.430

 34, 77.974,
326.430

 100, 77.974,
326.430


 24, 77.974,
326.430

 54, 77.974,
326.430

 14, 77.974,
326.430


 64, 77.974,
326.430

 4, 77.974, 326.430

 74, 77.974,
326.430

 0, 77.974, 326.430

 84, 77.974,
326.430

 94, 77.974,
326.430

■ 34, 77.974,
326.430

■ 34, 77.974,
326.430

■ 34, 77.904,
326.426

■ 35, 75.549,
326.453

■ 36, 71.736,
326.393

■ 38, 66.051,
326.217

■ 40, 58.734,
325.939

■ 43, 50.151,
325.577

■ 47, 40.691,
325.151

■ 50, 30.703,
324.681

■ 54, 20.467,

324.184

■ 58, 10.187,
323.670

Harmonies

Complementary

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



34, 77.974, 326.430



54, 80.276, 135.766

Rectangle

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



34, 77.974, 326.430



34, 77.974, 16.430



34, 77.974, 146.430



34, 77.974, 196.430

Sweetspot

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



34, 77.904, 326.426



64, 37.866, 324.710



17, 87.511, 305.515



31, 25.718, 324.891



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, 77.904, 326.426



44, 94.235, 326.390



32, 57.806, 356.674



29, 5.692, 323.628



31, 73.259, 326.439



1, 4.948, 323.184

Inverse Universe

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



31, 68.063, 37.532



40, 83.089, 38.248



54, 62.401, 147.173



29, 3.345, 16.100



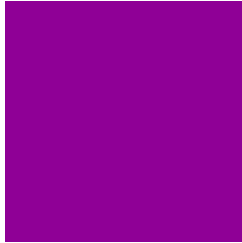
28, 63.612, 37.052



1, 2.837, 15.515

Previews

White Background



This preview shows how the CIELCh color 34, 77.974, 326.430 looks on a white background.

Color Contrast Check

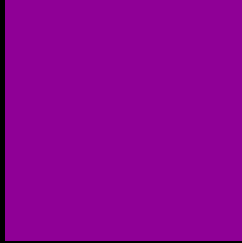
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.974, 326.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

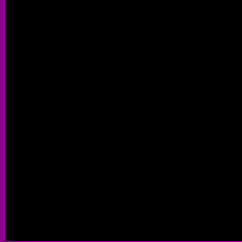
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 77.974, 326.430

Background



This preview shows how black text looks on a background with the CIELCh color 34, 77.974, 326.430.



This preview shows how white text looks on a background with the CIELCh color 34, 77.974, 326.430.

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, 77.974, 326.430

Protanopia

35, 55.569, 286.264

Deuteranopia

35, 36.363, 278.118



Tritanopia
35, 34.693, 22.066

Trichromacy



Original Color
34, 77.974, 326.430



Protanomaly
29, 69.974, 301.366



Deuteranomaly
30, 57.739, 306.013



Tritanomaly
33, 48.087, 347.597

Monochromacy



Original Color
34, 77.974, 326.430



Achromatopsia
25, 0.004, 296.813



Achromatomaly
25, 39.503, 325.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 77.974, 326.430 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(143, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 150)  
}
```

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(143, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 77.974, 326.430 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(143, 0, 150) }
```

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

```
.border{ border-color:rgb(143, 0, 150) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 77.974, 326.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 150) }
```

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

```
.background{ background-color: rgb(143, 0,  
150) }
```

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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