

Converting Colors

CIELCh(34, 78.284, 324.372)

Have a look what the booklet for
CIELCh(34, 78.284, 324.372)
contains.

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Color

CIELCh(34, 78.285, 324.369)

Conversions

Conversions Part 1

Format	Color
Hex	8B0A9A
RGB	139, 10, 154
RGB Percent	55%, 4%, 60%
CMY	0.4556, 0.9625, 0.3968
CMYK	0.10, 0.94, 0.00, 0.40
HSL	294°, 88%, 32%
HSV	294°, 94%, 60%
XYZ	16.5395, 8.0082, 31.1705
YIQ	64.9870, 30.6600, 72.1320

Conversions

Conversions Part 2

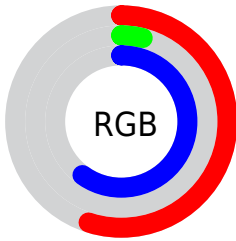
Format	Color
RYB	139, 10, 154
Decimal	9112218
CIELab	34.00, 63.63, -45.61
CIELCh	34, 78.285, 324.369
Yxy	8.0082, 0.2968, 0.1437
Android (android.graphics.Color)	4287302298 (0xFF8B0A9A)
YUV	64.9870, 43.8834, 64.9094
Hunter-Lab	28.2988, 54.8034, -45.4974

Details

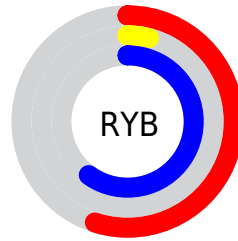
The CIELCh color **34, 78.285, 324.369** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 79.723, 135.586**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 77.975, 324.347**, and **19, 59.821, 321.882** is the 20% darker color. If you saturate the color by 10%, you get **33, 79.793, 324.259**, and if you desaturate by 10%, it is **35, 74.968, 324.482**.

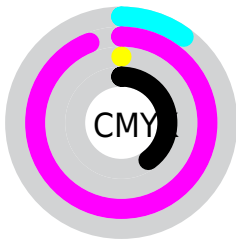
Distribution



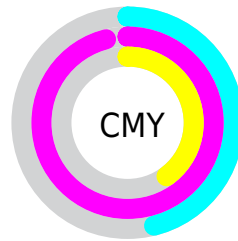
- Red (55%)
- Green (4%)
- Blue (60%)



- Red (55%)
- Yellow (4%)
- Blue (60%)



- Cyan (10%)
- Magenta (94%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (96%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 78.285, 324.369 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, 78.285, 324.369 by changing the saturation by 10% instead.

 34, 78.285,
324.369

 34, 78.285,
324.369

 100, 78.285,
324.369


 24, 78.285,
324.369

 54, 78.285,
324.369

 14, 78.285,
324.369

 64, 78.285,
324.369

 4, 78.285, 324.369

 74, 78.285,
324.369

 0, 78.285, 324.369

 84, 78.285,
324.369

 94, 78.285,
324.369

■ 34, 78.285,
324.369

■ 34, 78.285,
324.369

■ 33, 79.793,
324.259

■ 35, 74.968,
324.482

■ 37, 69.676,
324.440

■ 40, 62.624,
324.262

■ 43, 54.188,
323.973

■ 46, 44.785,
323.603

■ 50, 34.789,
323.177

■ 54, 24.500,
322.717

■ 58, 14.138,

322.239

■ 62, 3.856, 321.729

Harmonies

Complementary

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



34, 78.285, 324.369



55, 79.723, 135.586

Rectangle

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



34, 78.285, 324.369



34, 78.285, 14.369



34, 78.285, 144.369



34, 78.285, 194.369

Sweetspot

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



34, 78.284, 324.369



66, 35.579, 322.939



21, 81.468, 303.270



32, 24.487, 323.120



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



34, 78.284, 324.369



44, 96.535, 324.185



34, 59.904, 349.488



30, 5.754, 322.015



30, 74.580, 324.290



1, 6.158, 321.293

Inverse Universe

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



32, 64.016, 32.496



42, 82.271, 35.870



56, 65.008, 145.551



30, 3.466, 11.502



28, 62.634, 34.556



1, 3.642, 10.962

Previews

White Background



This preview shows how the CIELCh color 34, 78.285, 324.369 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, 78.285, 324.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

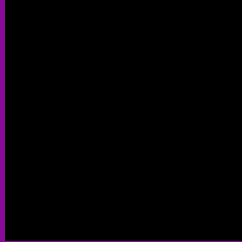
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 78.285, 324.369

Background



This preview shows how black text looks on a background with the CIELCh color 34, 78.285, 324.369.



This preview shows how white text looks on a background with the CIELCh color 34, 78.285, 324.369.

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, 78.285, 324.369

Protanopia

35, 55.065, 286.249

Deuteranopia

35, 39.692, 277.858



Tritanopia
35, 31.360, 20.875

Trichromacy



Original Color
34, 78.285, 324.369



Protanomaly
29, 68.089, 300.231



Deuteranomaly
30, 58.239, 302.457



Tritanomaly
33, 45.746, 344.725

Monochromacy



Original Color
34, 78.285, 324.369



Achromatopsia
28, 0.004, 296.813



Achromatomaly
27, 37.227, 324.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 78.285, 324.369 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(139, 10, 154)` looks like.

```
.text, #text, p{  
    color:rgb(139, 10, 154)  
}
```

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(139, 10, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 10, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 78.285, 324.369 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(139, 10, 154) }
```

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

```
.border{ border-color:rgb(139, 10, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 10, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 10, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 10, 154);  
box-shadow:4px 4px 4px 4px rgb(139, 10,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 78.285, 324.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 10, 154) }
```

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

```
.background{ background-color: rgb(139, 10,  
154) }
```

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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