

Converting Colors

CIELCh(34, 75.801, 327.503)

Have a look what the booklet for
CIELCh(34, 75.801, 327.503)
contains.

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Color

CIELCh(34, 75.879, 327.412)

Conversions

Conversions Part 1

Format	Color
Hex	8F0392
RGB	143, 3, 146
RGB Percent	56%, 1%, 57%
CMY	0.4386, 0.9867, 0.4268
CMYK	0.02, 0.98, 0.00, 0.43
HSL	299°, 95%, 29%
HSV	299°, 98%, 57%
XYZ	16.5936, 8.0082, 27.9286
YIQ	61.1620, 37.5370, 74.1530

Conversions

Conversions Part 2

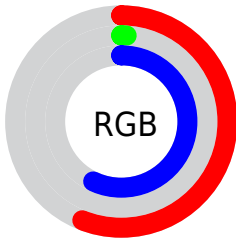
Format	Color
R_{YB}	143, 3, 146
Decimal	9372562
CIE _{Lab}	34.00, 63.93, -40.87
CIE _{LCh}	34, 75.879, 327.412
Yxy	8.0082, 0.3159, 0.1524
Android (android.graphics.Color)	4287562642 (0xFF8F0392)
YUV	61.1620, 41.8251, 71.7719
Hunter-Lab	28.2988, 55.1447, -38.7052

Details

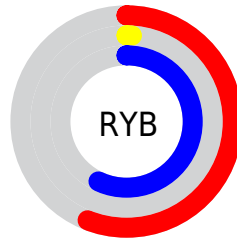
The CIELCh color **34, 75.879, 327.412** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **53, 78.367, 136.026**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 75.851, 327.226**, and **20, 56.333, 325.535** is the 20% darker color. If you saturate the color by 10%, you get **34, 76.397, 327.422**, and if you desaturate by 10%, it is **35, 73.411, 327.360**.

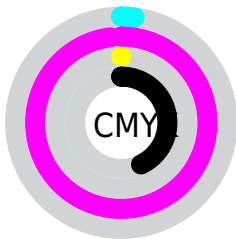
Distribution



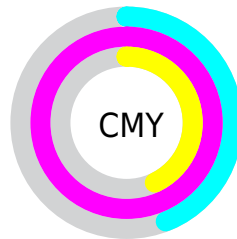
- Red (56%)
- Green (1%)
- Blue (57%)



- Red (56%)
- Yellow (1%)
- Blue (57%)



- Cyan (2%)
- Magenta (98%)
- Yellow (0%)
- Black (43%)





- Cyan (44%)
- Magenta (99%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 75.879, 327.412 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, 75.879, 327.412 by changing the saturation by 10% instead.


 34, 75.879,
327.412


 34, 75.879,
327.412

 100, 75.879,
327.412

 24, 75.879,
327.412

 54, 75.879,
327.412

 14, 75.879,
327.412

 64, 75.879,
327.412

 4, 75.879, 327.412

 74, 75.879,
327.412

 0, 75.879, 327.412

 84, 75.879,
327.412

 94, 75.879,
327.412

■ 34, 75.879,
327.412

■ 34, 75.879,
327.412

■ 34, 76.397,
327.422

■ 35, 73.411,
327.360

■ 36, 69.290,
327.219

■ 38, 63.377,
326.980

■ 40, 55.927,
326.653

■ 43, 47.299,
326.253

■ 46, 37.868,
325.798

■ 50, 27.962,
325.306

■ 54, 17.845,

324.790

■ 58, 7.710, 324.256

Harmonies

Complementary

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



34, 75.879, 327.412



53, 78.367, 136.026

Rectangle

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



34, 75.879, 327.412



34, 75.879, 17.412



34, 75.879, 147.412



34, 75.879, 197.412

Sweetspot

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



34, 75.877, 327.412



64, 36.471, 325.404



17, 85.476, 305.499



32, 25.180, 325.597



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, 75.877, 327.412



45, 93.168, 327.405



31, 56.168, 357.339



29, 5.737, 324.341



32, 73.153, 327.426



1, 4.989, 323.882

Inverse Universe

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



30, 66.508, 37.907



40, 83.291, 39.181



53, 59.348, 148.448



29, 3.342, 18.195



28, 64.440, 38.100



1, 2.831, 17.662

Previews

White Background



This preview shows how the CIELCh color 34, 75.879, 327.412 looks on a white background.

Color Contrast Check

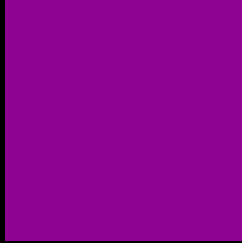
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.879, 327.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

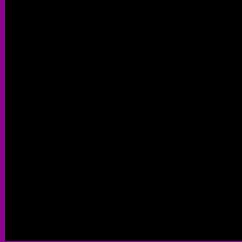
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 75.879, 327.412

Background



This preview shows how black text looks on a background with the CIELCh color 34, 75.879, 327.412.

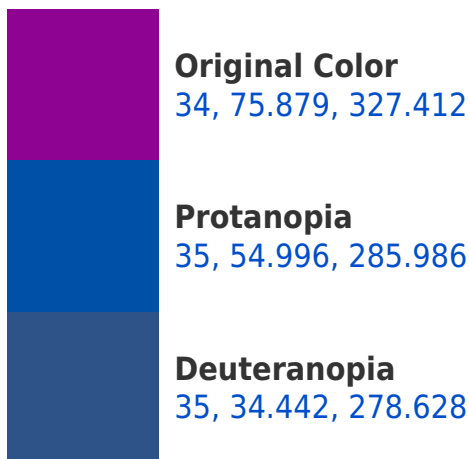


This preview shows how white text looks on a background with the CIELCh color 34, 75.879, 327.412.

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
35, 36.199, 22.661

Trichromacy



Original Color
34, 75.879, 327.412

Protanomaly
29, 68.193, 300.989

Deuteranomaly
30, 54.764, 306.856

Tritanomaly
33, 47.364, 349.578

Monochromacy



Original Color
34, 75.879, 327.412

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 37.868, 326.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 75.879, 327.412 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, 3, 146)` looks like.

```
.text, #text, p{  
    color:rgb(143, 3, 146)  
}
```

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, 3, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 3, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 75.879, 327.412 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, 3, 146) }
```

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

```
.border{ border-color:rgb(143, 3, 146) }
```

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

Here you see how a box with a 4 pixel rgb(143, 3, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 3, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 3, 146);  
box-shadow:4px 4px 4px 4px rgb(143, 3,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 75.879, 327.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 3, 146) }
```

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

```
.background{ background-color: rgb(143, 3,  
146) }
```

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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