

Converting Colors

CIELCh(34, 75.923, 328.299)

Have a look what the booklet for
CIELCh(34, 75.923, 328.299)
contains.

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Color

CIELCh(34, 75.888, 328.233)

Conversions

Conversions Part 1

Format	Color
Hex	910091
RGB	145, 0, 145
RGB Percent	57%, 0%, 57%
CMY	0.4326, 1.0000, 0.4326
CMYK	0.00, 1.00, 0.00, 0.43
HSL	300°, 100%, 28%
HSV	300°, 100%, 57%
XYZ	16.6984, 8.0082, 27.3293
YIQ	59.8850, 39.8750, 75.8350

Conversions

Conversions Part 2

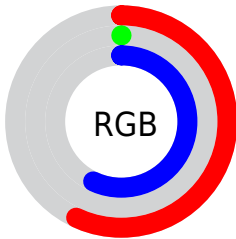
Format	Color
R_{YB}	145, 0, 145
Decimal	9502865
CIE _{Lab}	34.00, 64.52, -39.95
CIE _{LCh}	34, 75.888, 328.233
Yxy	8.0082, 0.3209, 0.1539
Android (android.graphics.Color)	4287692945 (0xFF910091)
YUV	59.8850, 41.9617, 74.6459
Hunter-Lab	28.2988, 55.8053, -37.4496

Details

The CIELCh color **34, 75.888, 328.233** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **52, 78.531, 136.015**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 76.076, 327.997**, and **20, 55.805, 326.667** is the 20% darker color. If you saturate the color by 10%, you get **34, 75.771, 328.228**, and if you desaturate by 10%, it is **35, 73.524, 328.127**.

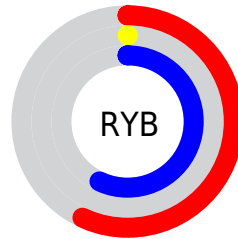
Distribution



Red (57%)

Green (0%)

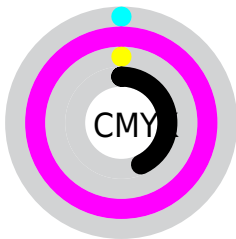
Blue (57%)



Red (57%)

Yellow (0%)

Blue (57%)

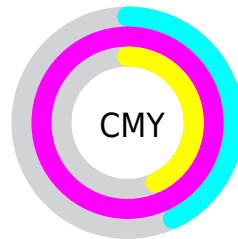


Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (43%)



Cyan (43%)


Magenta (100%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 75.888, 328.233 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, 75.888, 328.233 by changing the saturation by 10% instead.


 34, 75.888,
328.233


 34, 75.888,
328.233

 100, 75.888,
328.233

 24, 75.888,
328.233

 54, 75.888,
328.233


 14, 75.888,
328.233

 64, 75.888,
328.233

 4, 75.888, 328.233

 74, 75.888,
328.233

 0, 75.888, 328.233

 84, 75.888,
328.233

 94, 75.888,
328.233

■ 34, 75.888,
328.233

■ 34, 75.888,
328.233

■ 34, 75.771,
328.228

■ 35, 73.524,
328.127

■ 36, 69.916,
327.962

■ 37, 64.502,
327.710

■ 40, 57.482,
327.377

■ 42, 49.186,
326.973

■ 45, 39.983,
326.515

■ 49, 30.215,
326.016

■ 52, 20.165,

325.492

■ 56, 10.045,
324.950

Harmonies

Complementary

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



34, 75.888, 328.233



52, 78.531, 136.015

Rectangle

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



34, 75.888, 328.233



34, 75.888, 18.233



34, 75.888, 148.233



34, 75.888, 198.233

Sweetspot

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



34, 75.771, 328.228



62, 37.513, 326.048



16, 86.877, 306.018



31, 25.456, 326.238



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



34, 75.771, 328.228



45, 92.157, 328.228



31, 55.852, 359.557



28, 5.608, 324.904



32, 72.104, 328.228



1, 3.767, 324.435

Inverse Universe

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



29, 67.809, 39.234



39, 83.386, 39.995



53, 58.790, 148.807



28, 3.246, 19.879



27, 64.128, 38.794



0, 2.121, 19.395

Previews

White Background



This preview shows how the CIELCh color 34, 75.888, 328.233 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 34, 75.888, 328.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

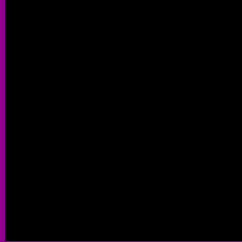
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 75.888, 328.233

Background



This preview shows how black text looks on a background with the CIELCh color 34, 75.888, 328.233.

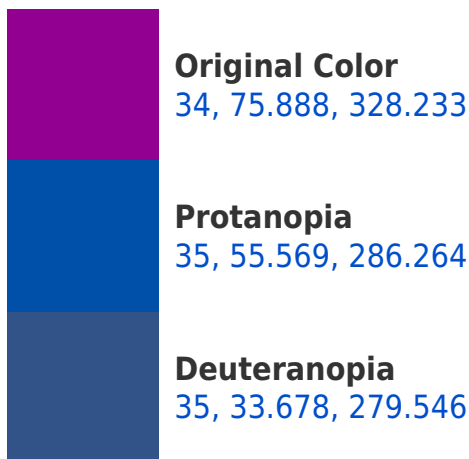


This preview shows how white text looks on a background with the CIELCh color 34, 75.888, 328.233.

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, 37.102, 22.928

Trichromacy



Original Color
34, 75.888, 328.233



Protanomaly
29, 68.809, 301.419



Deuteranomaly
30, 54.836, 308.140



Tritanomaly
33, 48.427, 350.743

Monochromacy



Original Color
34, 75.888, 328.233



Achromatopsia
25, 0.004, 296.813



Achromatomaly
25, 38.641, 327.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 75.888, 328.233 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(145, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 145)  
}
```

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(145, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 75.888, 328.233 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(145, 0, 145) }
```

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

```
.border{ border-color:rgb(145, 0, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 0, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 0,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 75.888, 328.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 0, 145) }
```

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

```
.background{ background-color: rgb(145, 0,  
145) }
```

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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