

Converting Colors

CIELCh(34, 75.502, 328.583)

Have a look what the booklet for
CIELCh(34, 75.502, 328.583)
contains.

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Color

CIELCh(34, 75.488, 328.502)

Conversions

Conversions Part 1

Format	Color
Hex	910090
RGB	145, 0, 144
RGB Percent	57%, 0%, 56%
CMY	0.4319, 1.0000, 0.4358
CMYK	0.00, 1.00, 0.01, 0.43
HSL	300°, 100%, 28%
HSV	300°, 100%, 57%
XYZ	16.6708, 8.0082, 26.9977
YIQ	59.7710, 40.1960, 75.5240

Conversions

Conversions Part 2

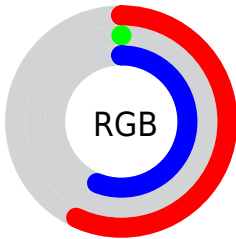
Format	Color
R_{YB}	145, 0, 144
Decimal	9502864
CIE _{Lab}	34.00, 64.37, -39.44
CIE _{LCh}	34, 75.488, 328.502
Yxy	8.0082, 0.3226, 0.1550
Android (android.graphics.Color)	4287692944 (0xFF910090)
YUV	59.7710, 41.5249, 74.7458
Hunter-Lab	28.2988, 55.6314, -36.7548

Details

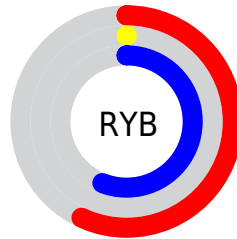
The CIELCh color **34, 75.488, 328.502** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **52, 78.452, 136.091**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 75.269, 328.503**, and **20, 55.360, 327.045** is the 20% darker color. If you saturate the color by 10%, you get **34, 75.435, 328.500**, and if you desaturate by 10%, it is **35, 73.224, 328.378**.

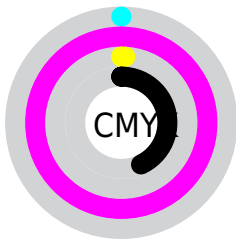
Distribution



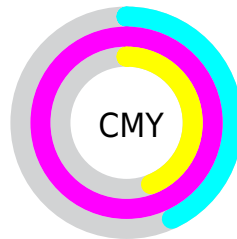
- Red (57%)
- Green (0%)
- Blue (56%)



- Red (57%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (43%)





- Cyan (43%)
- Magenta (100%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 75.488, 328.502 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, 75.488, 328.502 by changing the saturation by 10% instead.


 34, 75.488,
328.502


 34, 75.488,
328.502

 100, 75.488,
328.502


 24, 75.488,
328.502

 54, 75.488,
328.502


 14, 75.488,
328.502


 64, 75.488,
328.502

 4, 75.488, 328.502

 74, 75.488,
328.502

 0, 75.488, 328.502

 84, 75.488,
328.502

 94, 75.488,
328.502

■ 34, 75.488,
328.502

■ 34, 75.488,
328.502

■ 34, 75.435,
328.500

■ 35, 73.224,
328.378

■ 36, 69.649,
328.195

■ 37, 64.265,
327.930

■ 40, 57.275,
327.586

■ 42, 49.009,
327.175

■ 45, 39.839,
326.710

■ 49, 30.106,
326.207

■ 52, 20.091,

325.680

■ 56, 10.008,
325.136

Harmonies

Complementary

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



34, 75.488, 328.502



52, 78.452, 136.091

Rectangle

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



34, 75.488, 328.502



34, 75.488, 18.502



34, 75.488, 148.502



34, 75.488, 198.502

Sweetspot

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



34, 75.435, 328.500



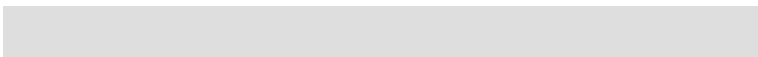
62, 37.343, 326.239



16, 87.806, 306.287



31, 25.341, 326.431



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, 75.435, 328.500



45, 91.665, 328.506



31, 55.701, 1.096



28, 5.583, 325.090



32, 71.729, 328.498



1, 3.750, 324.620

Inverse Universe

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



34, 75.435, 328.500



45, 91.665, 328.506



53, 57.855, 149.628



28, 5.583, 325.090



32, 71.729, 328.498



1, 3.750, 324.620

Previews

White Background



This preview shows how the CIELCh color 34, 75.488, 328.502 looks on a white background.

Color Contrast Check

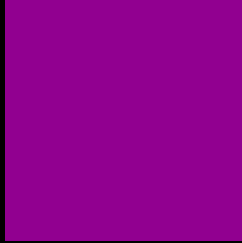
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.488, 328.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

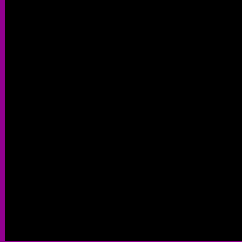
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 75.488, 328.502

Background



This preview shows how black text looks on a background with the CIELCh color 34, 75.488, 328.502.

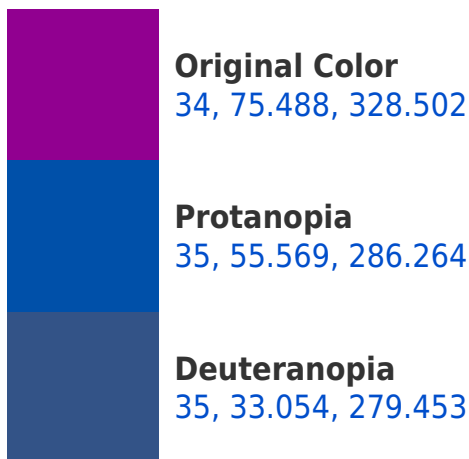


This preview shows how white text looks on a background with the CIELCh color 34, 75.488, 328.502.

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, 37.627, 23.157

Trichromacy



Original Color
34, 75.488, 328.502



Protanomaly
29, 68.809, 301.419



Deuteranomaly
30, 54.267, 308.557



Tritanomaly
33, 48.217, 351.413

Monochromacy



Original Color
34, 75.488, 328.502



Achromatopsia
25, 0.004, 296.813



Achromatomaly
25, 38.161, 327.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 75.488, 328.502 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 75.488, 328.502 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, 144) }
```

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

```
.border{ border-color:rgb(145, 0, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(145, 0,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 75.488, 328.502 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, 144) }
```

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

```
.background{ background-color: rgb(145, 0,  
144) }
```

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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