

Converting Colors

CIELCh(36, 75.682, 328.794)

Have a look what the booklet for
CIELCh(36, 75.682, 328.794)
contains.

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Color

CIELCh(36, 75.815, 328.698)

Conversions

Conversions Part 1

Format	Color
Hex	970B95
RGB	151, 11, 149
RGB Percent	59%, 4%, 58%
CMY	0.4074, 0.9558, 0.4153
CMYK	0.00, 0.93, 0.01, 0.41
HSL	301°, 86%, 32%
HSV	301°, 93%, 59%
XYZ	18.3379, 9.0082, 29.2477
YIQ	68.5920, 39.1420, 72.5980

Conversions

Conversions Part 2

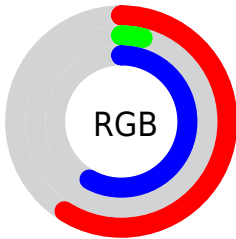
Format	Color
R_{YB}	151, 11, 149
Decimal	9898901
CIE _{Lab}	36.00, 64.78, -39.39
CIE _{LCh}	36, 75.815, 328.698
Yxy	9.0082, 0.3240, 0.1592
Android (android.graphics.Color)	4288088981 (0xFF970B95)
YUV	68.5920, 39.6411, 72.2718
Hunter-Lab	30.0136, 56.5372, -36.7675

Details

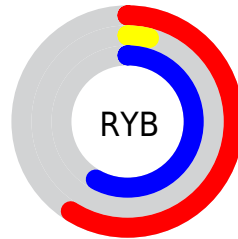
The CIELCh color **36, 75.815, 328.698** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **54, 78.831, 136.535**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 75.893, 328.699**, and **21, 56.977, 327.468** is the 20% darker color. If you saturate the color by 10%, you get **36, 77.351, 328.801**, and if you desaturate by 10%, it is **37, 72.692, 328.517**.

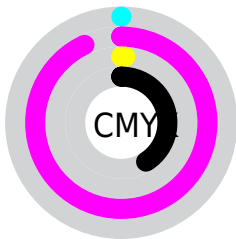
Distribution



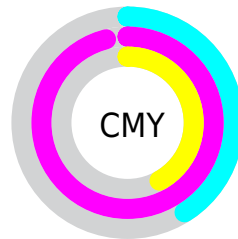
- Red (59%)
- Green (4%)
- Blue (58%)



- Red (59%)
- Yellow (4%)
- Blue (58%)



- Cyan (0%)
- Magenta (93%)
- Yellow (1%)
- Black (41%)




- Cyan (41%)
- Magenta (96%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 75.815, 328.698 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 36, 75.815, 328.698 by changing the saturation by 10% instead.


 36, 75.815,
328.698


 36, 75.815,
328.698

 100, 75.815,
328.698


 26, 75.815,
328.698

 56, 75.815,
328.698


 16, 75.815,
328.698


 66, 75.815,
328.698

 6, 75.815, 328.698

 76, 75.815,
328.698

 0, 75.815, 328.698

 86, 75.815,
328.698

 96, 75.815,
328.698

■ 36, 75.815,
328.698

■ 36, 75.815,
328.698

■ 36, 77.351,
328.801

■ 37, 72.692,
328.517

■ 39, 67.672,
328.257

■ 41, 60.907,
327.920

■ 43, 52.718,
327.515

■ 46, 43.487,
327.054

■ 50, 33.584,
326.553

■ 54, 23.322,
326.026

■ 57, 12.938,

325.482

■ 61, 2.604, 324.880

Harmonies

Complementary

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



36, 75.815, 328.698



54, 78.831, 136.535

Rectangle

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



36, 75.815, 328.698



36, 75.815, 18.698



36, 75.815, 148.698



36, 75.815, 198.698

Sweetspot

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



36, 75.813, 328.698



66, 35.844, 326.346



18, 86.564, 305.460



33, 24.898, 326.555



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



36, 75.813, 328.698



47, 93.863, 328.813



33, 56.331, 358.593



30, 5.883, 325.298



33, 73.260, 328.797



1, 6.316, 324.875

Inverse Universe

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



36, 75.813, 328.698



47, 93.863, 328.813



55, 56.985, 151.093



30, 5.883, 325.298



33, 73.260, 328.797



1, 6.316, 324.875

Previews

White Background



This preview shows how the CIELCh color 36, 75.815, 328.698 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 36, 75.815, 328.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

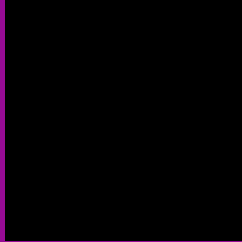
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 75.815, 328.698

Background



This preview shows how black text looks on a background with the CIELCh color 36, 75.815, 328.698.



This preview shows how white text looks on a background with the CIELCh color 36, 75.815, 328.698.

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

36, 75.815, 328.698

Protanopia

37, 57.573, 286.320

Deuteranopia

37, 33.420, 279.431



Tritanopia
36, 38.747, 23.252

Trichromacy



Original Color
36, 75.815, 328.698



Protanomaly
31, 68.201, 300.088



Deuteranomaly
32, 53.232, 308.165



Tritanomaly
35, 48.068, 352.165

Monochromacy



Original Color
36, 75.815, 328.698



Achromatopsia
29, 0.005, 296.813



Achromatomaly
29, 36.670, 327.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 75.815, 328.698 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(151, 11, 149)` looks like.

```
.text, #text, p{  
    color:rgb(151, 11, 149)  
}
```

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(151, 11, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 11, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 75.815, 328.698 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(151, 11, 149) }
```

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

```
.border{ border-color:rgb(151, 11, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 11, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 11, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 11, 149);  
box-shadow:4px 4px 4px 4px rgb(151, 11,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 75.815, 328.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 11, 149) }
```

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

```
.background{ background-color: rgb(151, 11,  
149) }
```

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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