

Converting Colors

CIELCh(37, 76.580, 328.132)

Have a look what the booklet for
CIELCh(37, 76.580, 328.132)
contains.

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Color

CIELCh(37, 76.391, 328.387)

Conversions

Conversions Part 1

Format	Color
Hex	9A1199
RGB	154, 17, 153
RGB Percent	60%, 7%, 60%
CMY	0.3967, 0.9346, 0.4006
CMYK	0.00, 0.89, 0.01, 0.40
HSL	300°, 80%, 33%
HSV	300°, 89%, 60%
XYZ	19.2251, 9.5379, 30.8939
YIQ	73.4670, 37.9960, 71.3400

Conversions

Conversions Part 2

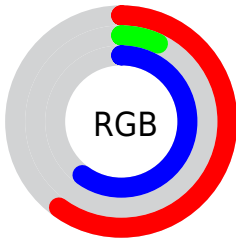
Format	Color
RYB	154, 17, 153
Decimal	10097049
CIELab	37.00, 65.06, -40.04
CIElCh	37, 76.391, 328.387
Yxy	9.5379, 0.3223, 0.1599
Android (android.graphics.Color)	4288287129 (0xFF9A1199)
YUV	73.4670, 39.2098, 70.6274
Hunter-Lab	30.8835, 57.0706, -37.6915

Details

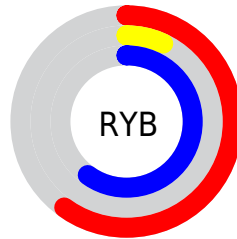
The CIELCh color **37, 76.391, 328.387** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 78.988, 136.657**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 76.311, 328.413**, and **22, 58.640, 327.127** is the 20% darker color. If you saturate the color by 10%, you get **36, 78.625, 328.508**, and if you desaturate by 10%, it is **38, 72.558, 328.199**.

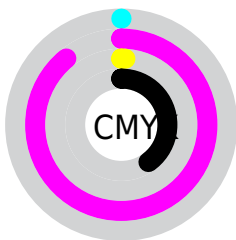
Distribution



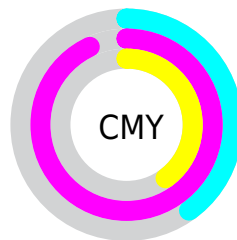
- Red (60%)
- Green (7%)
- Blue (60%)



- Red (60%)
- Yellow (7%)
- Blue (60%)



- Cyan (0%)
- Magenta (89%)
- Yellow (1%)
- Black (40%)




- Cyan (40%)
- Magenta (93%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 76.391, 328.387 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 37, 76.391, 328.387 by changing the saturation by 10% instead.


 37, 76.391,
328.387


 37, 76.391,
328.387

 100, 76.391,
328.387


 27, 76.391,
328.387

 57, 76.391,
328.387


 17, 76.391,
328.387

 67, 76.391,
328.387

 7, 76.391, 328.387

 77, 76.391,
328.387

 0, 76.391, 328.387

 87, 76.391,
328.387

 97, 76.391,
328.387

■ 37, 76.391,
328.387

■ 37, 76.391,
328.387

■ 36, 78.625,
328.508

■ 38, 72.558,
328.199

■ 36, 78.800,
328.517

■ 40, 66.824,
327.928

■ 42, 59.408,
327.578

■ 45, 50.666,
327.161

■ 48, 40.991,
326.690

■ 52, 30.742,
326.183

■ 56, 20.215,
325.651

■ 60, 9.629, 325.103

Harmonies

Complementary

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



37, 76.391, 328.387



55, 78.988, 136.657

Rectangle

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



37, 76.391, 328.387



37, 76.391, 18.387



37, 76.391, 148.387



37, 76.391, 198.387

Sweetspot

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



37, 76.389, 328.387



67, 35.106, 326.097



19, 85.747, 305.057



33, 23.568, 326.257



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



37, 76.389, 328.387



47, 95.305, 328.523



34, 56.511, 357.484



30, 5.911, 325.106



33, 73.661, 328.515



1, 6.350, 324.658

Inverse Universe

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



37, 76.389, 328.387



47, 95.305, 328.523



56, 56.454, 151.784



30, 5.911, 325.106



33, 73.661, 328.515



1, 6.350, 324.658

Previews

White Background



This preview shows how the CIELCh color 37, 76.391, 328.387 looks on a white background.

Color Contrast Check

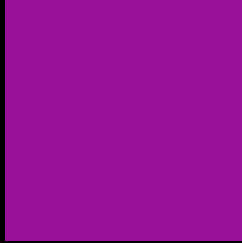
Large Text (above 18pt) WCAG AA ✓ Pass

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 37, 76.391, 328.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

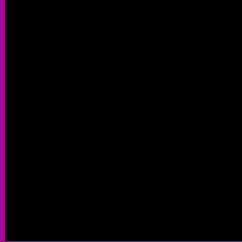
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 76.391, 328.387

Background



This preview shows how black text looks on a background with the CIELCh color 37, 76.391, 328.387.



This preview shows how white text looks on a background with the CIELCh color 37, 76.391, 328.387.

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

37, 76.391, 328.387

Protanopia

38, 58.569, 286.347

Deuteranopia

38, 34.509, 279.714



Tritanopia
37, 38.598, 23.069

Trichromacy



Original Color
37, 76.391, 328.387



Protanomaly
32, 68.498, 299.598



Deuteranomaly
34, 52.900, 307.385



Tritanomaly
36, 48.158, 351.889

Monochromacy



Original Color
37, 76.391, 328.387



Achromatopsia
31, 0.005, 296.813



Achromatomaly
30, 35.717, 326.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 76.391, 328.387 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(154, 17, 153)` looks like.

```
.text, #text, p{  
    color:rgb(154, 17, 153)  
}
```

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(154, 17, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 17, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 76.391, 328.387 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(154, 17, 153) }
```

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

```
.border{ border-color:rgb(154, 17, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 17, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 17, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 17, 153);  
box-shadow:4px 4px 4px 4px rgb(154, 17,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 76.391, 328.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 17, 153) }
```

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

```
.background{ background-color: rgb(154, 17,  
153) }
```

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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