

Converting Colors

CIELCh(37, 79.189, 327.363)

Have a look what the booklet for
CIELCh(37, 79.189, 327.363)
contains.

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Color

CIELCh(37, 79.139, 327.417)

Conversions

Conversions Part 1

Format	Color
Hex	9A0A9D
RGB	154, 10, 157
RGB Percent	60%, 4%, 62%
CMY	0.3957, 0.9598, 0.3840
CMYK	0.02, 0.93, 0.00, 0.38
HSL	299°, 88%, 33%
HSV	299°, 93%, 62%
XYZ	19.5468, 9.5379, 32.7460
YIQ	69.8140, 38.6370, 76.2450

Conversions

Conversions Part 2

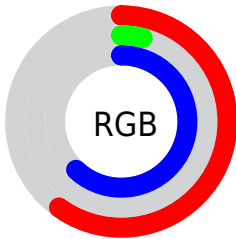
Format	Color
R_{YB}	154, 10, 157
Decimal	10095261
CIE _{Lab}	37.00, 66.68, -42.62
CIE _{LCh}	37, 79.139, 327.417
Yxy	9.5379, 0.3161, 0.1543
Android (android.graphics.Color)	4288285341 (0xFF9A0A9D)
YUV	69.8140, 42.9827, 73.8311
Hunter-Lab	30.8835, 58.9302, -41.2471

Details

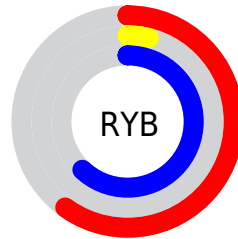
The CIELCh color **37, 79.139, 327.417** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **56, 81.613, 136.218**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 78.882, 327.475**, and **22, 60.403, 325.758** is the 20% darker color. If you saturate the color by 10%, you get **37, 80.537, 327.437**, and if you desaturate by 10%, it is **38, 76.018, 327.338**.

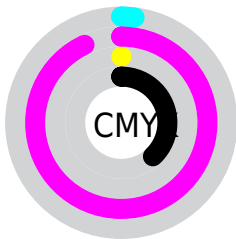
Distribution



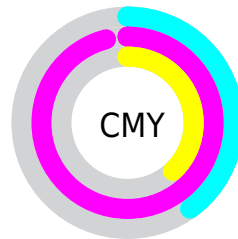
- Red (60%)
- Green (4%)
- Blue (62%)



- Red (60%)
- Yellow (4%)
- Blue (62%)



- Cyan (2%)
- Magenta (93%)
- Yellow (0%)
- Black (38%)





- Cyan (40%)
- Magenta (96%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 79.139, 327.417 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, 79.139, 327.417 by changing the saturation by 10% instead.


 37, 79.139,
327.417


 37, 79.139,
327.417

 100, 79.139,
327.417


 27, 79.139,
327.417

 57, 79.139,
327.417


 17, 79.139,
327.417


 67, 79.139,
327.417

 7, 79.139, 327.417

 77, 79.139,
327.417

 0, 79.139, 327.417

 87, 79.139,
327.417

 97, 79.139,
327.417

■ 37, 79.139,
327.417

■ 37, 79.139,
327.417

■ 37, 80.537,
327.437

■ 38, 76.018,
327.338

■ 40, 70.922,
327.157

■ 42, 63.995,
326.881

■ 45, 55.567,
326.522

■ 48, 46.038,
326.095

■ 51, 35.796,
325.621

■ 55, 25.169,
325.114

■ 59, 14.408,

324.588

■ 63, 3.693, 324.023

Harmonies

Complementary

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



37, 79.139, 327.417



56, 81.613, 136.218

Rectangle

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



37, 79.139, 327.417



37, 79.139, 17.417



37, 79.139, 147.417



37, 79.139, 197.417

Sweetspot

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



37, 79.137, 327.417



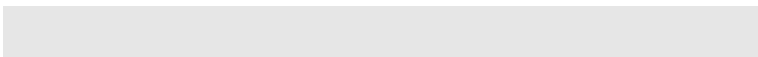
68, 37.126, 325.374



19, 88.100, 305.086



34, 25.531, 325.575



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



37, 79.137, 327.417



48, 97.768, 327.422



34, 58.698, 356.174



31, 6.066, 324.361



33, 75.112, 327.444



1, 7.880, 323.763

Inverse Universe

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



33, 68.294, 37.007



43, 87.500, 39.262



57, 61.095, 149.193



31, 3.534, 18.246



29, 66.392, 38.351



1, 4.476, 17.793

Previews

White Background



This preview shows how the CIELCh color 37, 79.139, 327.417 looks on a white background.

Color Contrast Check

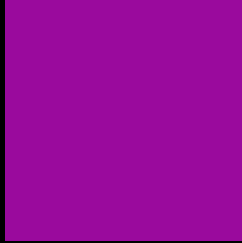
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.139, 327.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

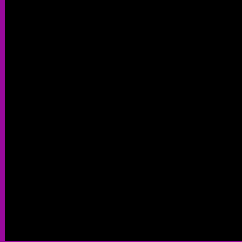
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 79.139, 327.417

Background



This preview shows how black text looks on a background with the CIELCh color 37, 79.139, 327.417.



This preview shows how white text looks on a background with the CIELCh color 37, 79.139, 327.417.

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, 79.139, 327.417

Protanopia

38, 59.135, 286.601

Deuteranopia

38, 36.490, 278.574



Tritanopia
37, 38.077, 22.857

Trichromacy



Original Color
37, 79.139, 327.417



Protanomaly
32, 71.580, 300.572



Deuteranomaly
33, 56.479, 306.359



Tritanomaly
36, 49.436, 350.228

Monochromacy



Original Color
37, 79.139, 327.417



Achromatopsia
30, 0.005, 296.813



Achromatomaly
29, 38.867, 326.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 79.139, 327.417 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, 10, 157)` looks like.

```
.text, #text, p{  
    color:rgb(154, 10, 157)  
}
```

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, 10, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 10, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 79.139, 327.417 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, 10, 157) }
```

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

```
.border{ border-color:rgb(154, 10, 157) }
```

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

Here you see how a box with a 4 pixel rgb(154, 10, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 10, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 10, 157);  
box-shadow:4px 4px 4px 4px rgb(154, 10,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 79.139, 327.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 10, 157) }
```

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

```
.background{ background-color: rgb(154, 10,  
157) }
```

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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