

Converting Colors

CIELCh(37, 69.660, 327.887)

Have a look what the booklet for
CIELCh(37, 69.660, 327.887)
contains.

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Color

CIELCh(37, 69.708, 327.903)

Conversions

Conversions Part 1

Format	Color
Hex	942294
RGB	148, 34, 148
RGB Percent	58%, 13%, 58%
CMY	0.4204, 0.8676, 0.4204
CMYK	0.00, 0.77, 0.00, 0.42
HSL	300°, 63%, 36%
HSV	300°, 77%, 58%
XYZ	18.0696, 9.5379, 28.8242
YIQ	81.0820, 31.3500, 59.6220

Conversions

Conversions Part 2

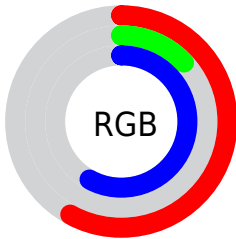
Format	Color
R_{YB}	148, 34, 148
Decimal	9708180
CIE _{Lab}	37.00, 59.05, -37.04
CIE _{LCh}	37, 69.708, 327.903
Yxy	9.5379, 0.3202, 0.1690
Android (android.graphics.Color)	4287898260 (0xFF942294)
YUV	81.0820, 32.9906, 58.6871
Hunter-Lab	30.8835, 50.3921, -33.7181

Details

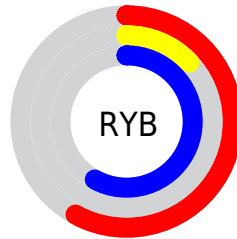
The CIELCh color **37, 69.708, 327.903** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54, 71.246, 137.563**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 70.056, 327.779**, and **21, 57.038, 326.709** is the 20% darker color. If you saturate the color by 10%, you get **36, 73.879, 328.092**, and if you desaturate by 10%, it is **39, 63.729, 327.628**.

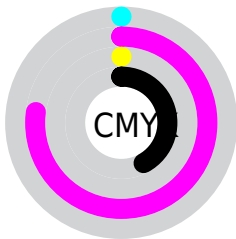
Distribution



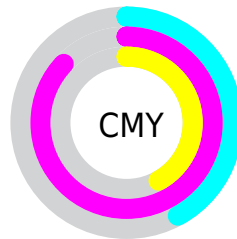
- Red (58%)
- Green (13%)
- Blue (58%)



- Red (58%)
- Yellow (13%)
- Blue (58%)



- Cyan (0%)
- Magenta (77%)
- Yellow (0%)
- Black (42%)





- Cyan (42%)
- Magenta (87%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 69.708, 327.903 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, 69.708, 327.903 by changing the saturation by 10% instead.


 37, 69.708,
327.903


 37, 69.708,
327.903

 100, 69.708,
327.903


 27, 69.708,
327.903

 57, 69.708,
327.903


 17, 69.708,
327.903


 67, 69.708,
327.903

 7, 69.708, 327.903

 77, 69.708,
327.903

 0, 69.708, 327.903

 87, 69.708,
327.903

 97, 69.708,
327.903

■ 37, 69.708,
327.903

■ 37, 69.708,
327.903

■ 36, 73.879,
328.092

■ 39, 63.729,
327.628

■ 35, 76.343,
328.201

■ 41, 56.196,
327.274

■ 35, 76.957,
328.229

■ 44, 47.465,
326.853

■ 47, 37.909,
326.380

■ 51, 27.864,
325.872

■ 54, 17.599,
325.342

■ 58, 7.312, 324.792

■ 62, 2.859, 144.363

■ 66, 12.825,
143.789

Harmonies

Complementary

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



37, 69.708, 327.903



54, 71.246, 137.563

Rectangle

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



37, 69.708, 327.903



37, 69.708, 17.903



37, 69.708, 147.903



37, 69.708, 197.903

Sweetspot

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



37, 69.706, 327.903



66, 29.122, 325.678



23, 72.243, 302.476



33, 20.308, 325.852



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



37, 69.706, 327.903



46, 91.715, 328.178



34, 51.671, 352.736



29, 5.775, 324.907



32, 73.088, 328.229



1, 5.023, 324.436

Inverse Universe

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



33, 55.244, 32.220



40, 80.382, 38.124



54, 50.286, 153.389



29, 3.343, 19.884



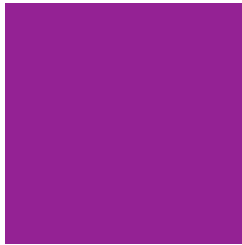
28, 65.123, 38.925



1, 2.828, 19.396

Previews

White Background



This preview shows how the CIELCh color 37, 69.708, 327.903 looks on a white background.

Color Contrast Check

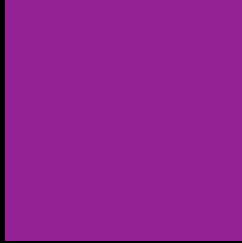
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.708, 327.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

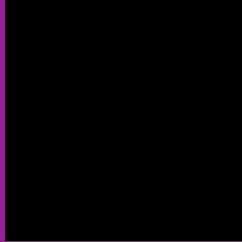
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 69.708, 327.903

Background



This preview shows how black text looks on a background with the CIELCh color 37, 69.708, 327.903.



This preview shows how white text looks on a background with the CIELCh color 37, 69.708, 327.903.

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, 69.708, 327.903

Protanopia

38, 59.206, 286.842

Deuteranopia

37, 32.643, 280.077



Tritanopia
37, 34.664, 20.807

Trichromacy



Original Color
37, 69.708, 327.903

Protanomaly
33, 64.089, 297.532

Deuteranomaly
35, 47.223, 305.879

Tritanomaly
36, 43.030, 350.463

Monochromacy



Original Color
37, 69.708, 327.903

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 30.073, 326.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 69.708, 327.903 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(148, 34, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 34, 148)  
}
```

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(148, 34, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 34, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 69.708, 327.903 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(148, 34, 148) }
```

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

```
.border{ border-color:rgb(148, 34, 148) }
```

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

Here you see how a box with a 4 pixel rgb(148, 34, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 34, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 34, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 34,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 69.708, 327.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 34, 148) }
```

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

```
.background{ background-color: rgb(148, 34,  
148) }
```

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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