

Converting Colors

CIELCh(36, 69.572, 337.759)

Have a look what the booklet for
CIELCh(36, 69.572, 337.759)
contains.

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Color

CIELCh(36, 69.480, 337.754)

Conversions

Conversions Part 1

Format	Color
Hex	9F0380
RGB	159, 3, 128
RGB Percent	62%, 1%, 50%
CMY	0.3762, 0.9874, 0.4978
CMYK	0.00, 0.98, 0.19, 0.38
HSL	312°, 96%, 32%
HSV	312°, 98%, 62%
XYZ	18.2483, 9.0082, 21.2220
YIQ	63.8940, 52.8510, 71.9470

Conversions

Conversions Part 2

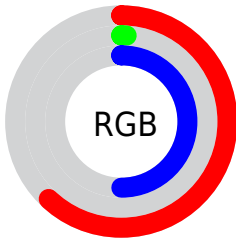
Format	Color
RYB	159, 3, 128
Decimal	10421120
CIELab	36.00, 64.31, -26.30
CIElCh	36, 69.480, 337.754
Yxy	9.0082, 0.3764, 0.1858
Android (android.graphics.Color)	4288611200 (0xFF9F0380)
YUV	63.8940, 31.6043, 83.4080
Hunter-Lab	30.0136, 56.0047, -20.9132

Details

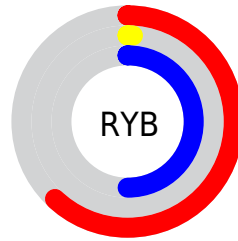
The CIELCh color **36, 69.480, 337.754** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **57, 78.053, 138.995**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 69.365, 337.702**, and **22, 49.749, 340.030** is the 20% darker color. If you saturate the color by 10%, you get **36, 69.717, 337.956**, and if you desaturate by 10%, it is **37, 68.027, 336.765**.

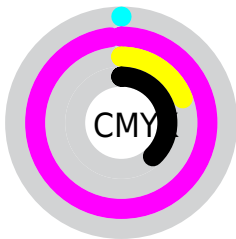
Distribution



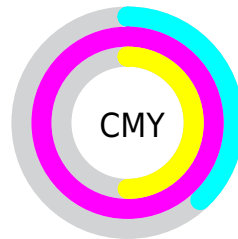
- Red (62%)
- Green (1%)
- Blue (50%)



- Red (62%)
- Yellow (1%)
- Blue (50%)



- Cyan (0%)
- Magenta (98%)
- Yellow (19%)
- Black (38%)





- Cyan (38%)
- Magenta (99%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 69.480, 337.754 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, 69.480, 337.754 by changing the saturation by 10% instead.


 36, 69.480,
337.754


 36, 69.480,
337.754

 100, 69.480,
337.754


 26, 69.480,
337.754

 56, 69.480,
337.754


 16, 69.480,
337.754


 66, 69.480,
337.754

 6, 69.480, 337.754

 76, 69.480,
337.754

 0, 69.480, 337.754

 86, 69.480,
337.754

 96, 69.480,
337.754

■ 36, 69.480,
337.754

■ 36, 69.480,
337.754

■ 36, 69.717,
337.956

■ 37, 68.027,
336.765

■ 38, 64.777,
335.879

■ 41, 59.605,
335.074

■ 43, 52.804,
334.322

■ 46, 44.774,
333.604

■ 50, 35.923,
332.912

■ 54, 26.599,
332.240

■ 58, 17.073,

331.586

■ 62, 7.538, 330.941

Harmonies

Complementary

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



36, 69.480, 337.754



57, 78.053, 138.995

Rectangle

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



36, 69.480, 337.754



36, 69.480, 27.754



36, 69.480, 157.754



36, 69.480, 207.754

Sweetspot

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



36, 69.477, 337.754



68, 34.088, 332.344



20, 91.597, 307.073



34, 23.539, 332.613



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



36, 69.477, 337.754



47, 84.399, 338.183



33, 60.276, 17.907



31, 5.317, 331.023



32, 64.508, 337.848



1, 6.754, 331.643

Inverse Universe

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



36, 69.477, 337.754



47, 84.399, 338.183



58, 49.930, 161.232



31, 5.317, 331.023



32, 64.508, 337.848



1, 6.754, 331.643

Previews

White Background



This preview shows how the CIELCh color 36, 69.480, 337.754 looks on a white background.

Color Contrast Check

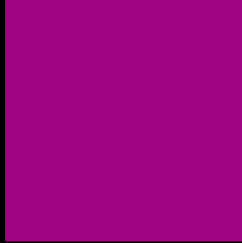
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.480, 337.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

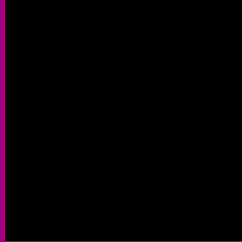
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 69.480, 337.754

Background



This preview shows how black text looks on a background with the CIELCh color 36, 69.480, 337.754.



This preview shows how white text looks on a background with the CIELCh color 36, 69.480, 337.754.

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, 69.480, 337.754

Protanopia

37, 58.709, 286.834

Deuteranopia

37, 21.133, 284.884



Tritanopia
37, 48.449, 27.172

Trichromacy



Original Color
36, 69.480, 337.754



Protanomaly
30, 66.075, 301.080



Deuteranomaly
33, 44.894, 319.788



Tritanomaly
35, 52.317, 3.430

Monochromacy



Original Color
36, 69.480, 337.754



Achromatopsia
27, 0.004, 296.813



Achromatomaly
27, 35.577, 334.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 69.480, 337.754 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(159, 3, 128)` looks like.

```
.text, #text, p{  
    color:rgb(159, 3, 128)  
}
```

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(159, 3, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 3, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 69.480, 337.754 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(159, 3, 128) }
```

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

```
.border{ border-color:rgb(159, 3, 128) }
```

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

Here you see how a box with a 4 pixel rgb(159, 3, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 3, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 3, 128);  
box-shadow:4px 4px 4px 4px rgb(159, 3,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 69.480, 337.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 3, 128) }
```

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

```
.background{ background-color: rgb(159, 3,  
128) }
```

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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