

Converting Colors

CIELCh(36, 78.984, 327.562)

Have a look what the booklet for
CIELCh(36, 78.984, 327.562)
contains.

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Color

CIELCh(36, 78.948, 327.452)

Conversions

Conversions Part 1

Format	Color
Hex	97039A
RGB	151, 3, 154
RGB Percent	59%, 1%, 60%
CMY	0.4072, 0.9865, 0.3955
CMYK	0.02, 0.98, 0.00, 0.40
HSL	299°, 96%, 31%
HSV	299°, 98%, 60%
XYZ	18.6768, 9.0082, 31.3958
YIQ	64.4660, 39.7370, 78.3370

Conversions

Conversions Part 2

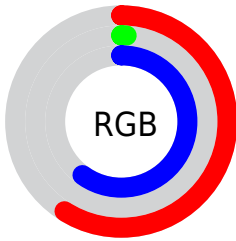
Format	Color
RYB	151, 3, 154
Decimal	9896858
CIELab	36.00, 66.55, -42.47
CIElCh	36, 78.948, 327.452
Yxy	9.0082, 0.3161, 0.1525
Android (android.graphics.Color)	4288086938 (0xFF97039A)
YUV	64.4660, 44.1403, 75.8903
Hunter-Lab	30.0136, 58.5529, -41.0109

Details

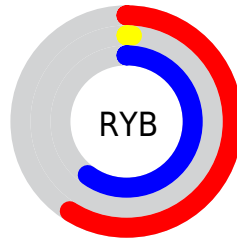
The CIELCh color **36, 78.948, 327.452** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 81.562, 136.026**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 78.852, 327.504**, and **22, 59.190, 325.695** is the 20% darker color. If you saturate the color by 10%, you get **36, 79.433, 327.460**, and if you desaturate by 10%, it is **37, 76.493, 327.403**.

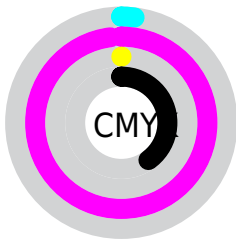
Distribution



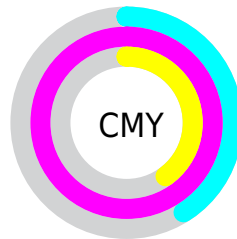
- Red (59%)
- Green (1%)
- Blue (60%)



- Red (59%)
- Yellow (1%)
- Blue (60%)



- Cyan (2%)
- Magenta (98%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (99%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 78.948, 327.452 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, 78.948, 327.452 by changing the saturation by 10% instead.


 36, 78.948,
327.452

 36, 78.948,
327.452

 100, 78.948,
327.452

 26, 78.948,
327.452

 56, 78.948,
327.452

 16, 78.948,
327.452


 66, 78.948,
327.452

 6, 78.948, 327.452

 76, 78.948,
327.452

 0, 78.948, 327.452

 86, 78.948,
327.452

 96, 78.948,
327.452

■ 36, 78.948,
327.452

■ 36, 78.948,
327.452

■ 36, 79.433,
327.460

■ 37, 76.493,
327.403

■ 38, 72.284,
327.263

■ 40, 66.187,
327.026

■ 43, 58.463,
326.699

■ 45, 49.487,
326.299

■ 49, 39.655,
325.843

■ 52, 29.315,
325.348

■ 56, 18.747,

324.830

■ 60, 8.157, 324.293

Harmonies

Complementary

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



36, 78.948, 327.452



55, 81.562, 136.026

Rectangle

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



36, 78.948, 327.452



36, 78.948, 17.452



36, 78.948, 147.452



36, 78.948, 197.452

Sweetspot

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



36, 78.946, 327.452



67, 38.055, 325.440



18, 89.103, 305.557



33, 26.272, 325.639



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



36, 78.946, 327.452



47, 96.849, 327.445



33, 58.410, 357.543



30, 5.903, 324.373



32, 74.131, 327.467



1, 6.340, 323.839

Inverse Universe

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



32, 69.484, 38.196



42, 86.690, 39.270



56, 61.903, 148.323



30, 3.438, 18.287



28, 65.447, 38.263



1, 3.598, 17.780

Previews

White Background



This preview shows how the CIELCh color 36, 78.948, 327.452 looks on a white background.

Color Contrast Check

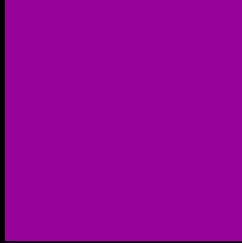
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 36, 78.948, 327.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

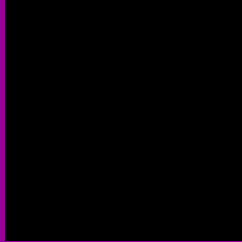
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 78.948, 327.452

Background



This preview shows how black text looks on a background with the CIELCh color 36, 78.948, 327.452.

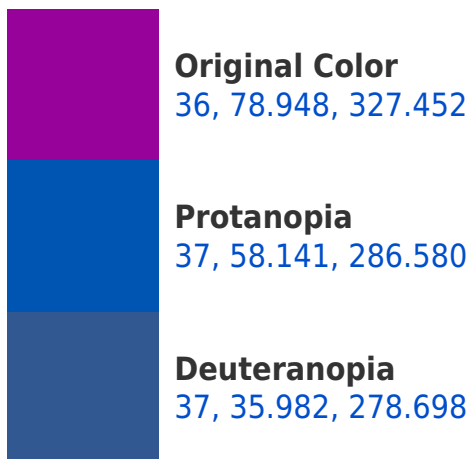


This preview shows how white text looks on a background with the CIELCh color 36, 78.948, 327.452.

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





Tritanopia
37, 37.255, 22.692

Trichromacy



Original Color
36, 78.948, 327.452



Protanomaly
30, 71.278, 301.042



Deuteranomaly
32, 57.373, 307.012



Tritanomaly
35, 49.534, 349.854

Monochromacy



Original Color
36, 78.948, 327.452



Achromatopsia
28, 0.004, 296.813



Achromatomaly
27, 39.010, 326.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 78.948, 327.452 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, 3, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 3, 154)  
}
```

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, 3, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 3, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 78.948, 327.452 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, 3, 154) }
```

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

```
.border{ border-color:rgb(151, 3, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 3, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 3, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 3, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 3,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 78.948, 327.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 3, 154) }
```

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

```
.background{ background-color: rgb(151, 3,  
154) }
```

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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