

Converting Colors

CIELCh(36, 67.337, 332.937)

Have a look what the booklet for
CIELCh(36, 67.337, 332.937)
contains.

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Color

CIELCh(36, 67.465, 332.959)

Conversions

Conversions Part 1

Format	Color
Hex	971987
RGB	151, 25, 135
RGB Percent	59%, 10%, 53%
CMY	0.4082, 0.9024, 0.4709
CMYK	0.00, 0.84, 0.11, 0.41
HSL	308°, 72%, 34%
HSV	308°, 84%, 59%
XYZ	17.4593, 9.0082, 23.7113
YIQ	75.2140, 39.7860, 60.9220

Conversions

Conversions Part 2

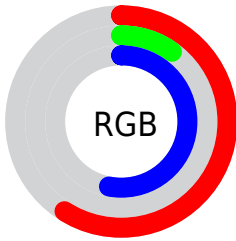
Format	Color
R_{YB}	151, 25, 135
Decimal	9902471
CIE _{Lab}	36.00, 60.09, -30.67
CIE _{LCh}	36, 67.465, 332.959
Yxy	9.0082, 0.3479, 0.1795
Android (android.graphics.Color)	4288092551 (0xFF971987)
YUV	75.2140, 29.4745, 66.4643
Hunter-Lab	30.0136, 51.3122, -25.8307

Details

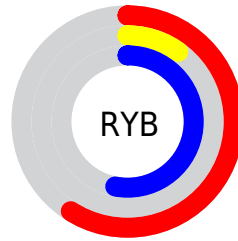
The CIELCh color **36, 67.465, 332.959** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55, 71.310, 139.469**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 67.497, 332.733**, and **21, 51.947, 333.037** is the 20% darker color. If you saturate the color by 10%, you get **35, 69.865, 333.541**, and if you desaturate by 10%, it is **38, 63.154, 332.390**.

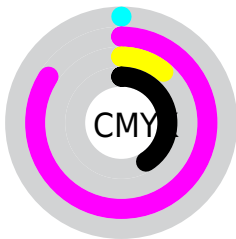
Distribution



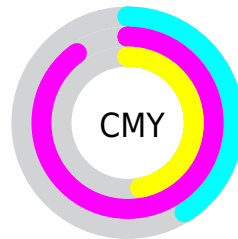
- Red (59%)
- Green (10%)
- Blue (53%)



- Red (59%)
- Yellow (10%)
- Blue (53%)



- Cyan (0%)
- Magenta (84%)
- Yellow (11%)
- Black (41%)





- Cyan (41%)
- Magenta (90%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 67.465, 332.959 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, 67.465, 332.959 by changing the saturation by 10% instead.


 36, 67.465,
332.959


 36, 67.465,
332.959

 100, 67.465,
332.959


 26, 67.465,
332.959

 56, 67.465,
332.959


 16, 67.465,
332.959


 66, 67.465,
332.959

 6, 67.465, 332.959

 76, 67.465,
332.959

 0, 67.465, 332.959

 86, 67.465,
332.959

 96, 67.465,
332.959

■ 36, 67.465,
332.959

■ 36, 67.465,
332.959

■ 35, 69.865,
333.541

■ 38, 63.154,
332.390

■ 34, 70.852,
333.923

■ 40, 57.101,
331.820

■ 43, 49.635,
331.240

■ 46, 41.146,
330.651

■ 49, 32.002,
330.055

■ 53, 22.509,
329.457

■ 57, 12.899,
328.862

■ 61, 3.334, 328.233

Harmonies

Complementary

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



36, 67.465, 332.959



55, 71.310, 139.469

Rectangle

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



36, 67.465, 332.959



36, 67.465, 22.959



36, 67.465, 152.959



36, 67.465, 202.959

Sweetspot

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



36, 67.463, 332.959



67, 29.660, 329.576



21, 79.534, 305.317



34, 20.385, 329.769



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



36, 67.463, 332.959



45, 85.909, 334.054



33, 53.027, 5.230



30, 5.443, 328.605



32, 67.204, 333.882



1, 5.800, 328.483

Inverse Universe

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



36, 67.463, 332.959



45, 85.909, 334.054



55, 47.247, 159.649



30, 5.443, 328.605



32, 67.204, 333.882



1, 5.800, 328.483

Previews

White Background



This preview shows how the CIELCh color 36, 67.465, 332.959 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, 67.465, 332.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

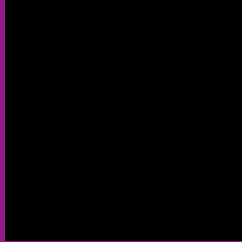
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 67.465, 332.959

Background



This preview shows how black text looks on a background with the CIELCh color 36, 67.465, 332.959.

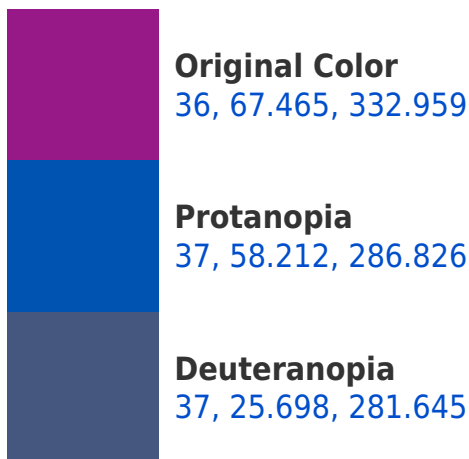


This preview shows how white text looks on a background with the CIELCh color 36, 67.465, 332.959.

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
36, 40.855, 24.754

Trichromacy



Original Color
36, 67.465, 332.959



Protanomaly
32, 62.672, 298.468



Deuteranomaly
34, 42.788, 312.486



Tritanomaly
36, 46.223, 358.527

Monochromacy



Original Color
36, 67.465, 332.959



Achromatopsia
32, 0.005, 296.813



Achromatomaly
31, 30.821, 330.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 67.465, 332.959 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, 25, 135)` looks like.

```
.text, #text, p{  
    color:rgb(151, 25, 135)  
}
```

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, 25, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 25, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 67.465, 332.959 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, 25, 135) }
```

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

```
.border{ border-color:rgb(151, 25, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 25, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 25, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 25, 135);  
box-shadow:4px 4px 4px 4px rgb(151, 25,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 67.465, 332.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 25, 135) }
```

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

```
.background{ background-color: rgb(151, 25,  
135) }
```

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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