

Converting Colors

CIELCh(36, 40.192, 336.073)

Have a look what the booklet for
CIELCh(36, 40.192, 336.073)
contains.

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Color

CIELCh(36, 39.972, 336.538)

Conversions

Conversions Part 1

Format	Color
Hex	813C6F
RGB	129, 60, 111
RGB Percent	51%, 24%, 44%
CMY	0.4949, 0.7654, 0.5654
CMYK	0.00, 0.54, 0.14, 0.49
HSL	316°, 37%, 37%
HSV	316°, 54%, 51%
XYZ	13.4889, 9.0082, 16.0135
YIQ	86.4450, 24.7530, 30.4890

Conversions

Conversions Part 2

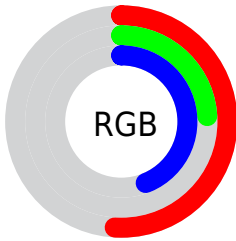
Format	Color
R_{YB}	129, 60, 111
Decimal	8469615
CIE _{Lab}	36.00, 36.67, -15.91
CIE _{LCh}	36, 39.972, 336.538
Yxy	9.0082, 0.3503, 0.2339
Android (android.graphics.Color)	4286659695 (0xFF813C6F)
YUV	86.4450, 12.1056, 37.3207
Hunter-Lab	30.0136, 27.6989, -10.6242

Details

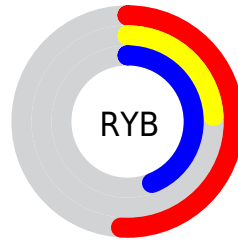
The CIELCh color **36, 39.972, 336.538** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **48, 39.895, 147.924**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 40.332, 336.559**, and **16, 40.055, 336.414** is the 20% darker color. If you saturate the color by 10%, you get **33, 46.072, 337.405**, and if you desaturate by 10%, it is **39, 33.072, 335.737**.

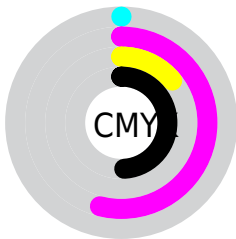
Distribution



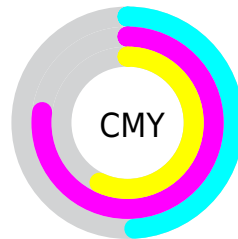
- Red (51%)
- Green (24%)
- Blue (44%)



- Red (51%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (54%)
- Yellow (14%)
- Black (49%)





- Cyan (49%)
- Magenta (77%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 39.972, 336.538 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, 39.972, 336.538 by changing the saturation by 10% instead.


 36, 39.972,
336.538


 36, 39.972,
336.538

 100, 39.972,
336.538


 26, 39.972,
336.538

 56, 39.972,
336.538


 16, 39.972,
336.538


 66, 39.972,
336.538

 6, 39.972, 336.538

 76, 39.972,
336.538

 0, 39.972, 336.538

 86, 39.972,
336.538

 96, 39.972,
336.538

36, 39.972,
336.538

36, 39.972,
336.538

33, 46.072,
337.405

39, 33.072,
335.737

31, 51.040,
338.362

42, 25.682,
334.984

30, 54.570,
339.448

45, 18.046,
334.270

29, 56.501,
340.711

49, 10.342,
333.587

28, 57.397,
341.562

53, 2.695, 332.881

56, 4.817, 152.409

60, 12.149,
151.802

64, 19.277,
151.247

■ 68, 26.192,
150.726

Harmonies

Complementary

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



36, 39.972, 336.538



48, 39.895, 147.924

Rectangle

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



36, 39.972, 336.538



36, 39.972, 26.538



36, 39.972, 156.538



36, 39.972, 206.538

Sweetspot

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



36, 39.970, 336.538



62, 15.214, 333.777



30, 44.231, 304.318



31, 10.232, 333.892



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



36, 39.970, 336.538



44, 57.310, 337.584



35, 31.868, 6.747



25, 4.252, 333.285



28, 56.988, 341.545



0, 0.000, 0.000

Inverse Universe

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



36, 39.970, 336.538



44, 57.310, 337.584



49, 26.421, 174.067



25, 4.252, 333.285



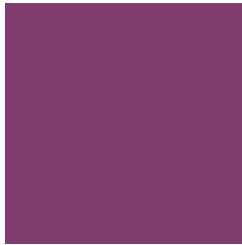
28, 56.988, 341.545



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 36, 39.972, 336.538 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, 39.972, 336.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

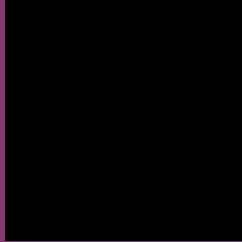
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 39.972, 336.538

Background



This preview shows how black text looks on a background with the CIELCh color 36, 39.972, 336.538.



This preview shows how white text looks on a background with the CIELCh color 36, 39.972, 336.538.

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, 39.972, 336.538

Protanopia

36, 28.083, 284.655

Deuteranopia

36, 14.269, 290.942



Tritanopia
36, 26.257, 17.425

Trichromacy



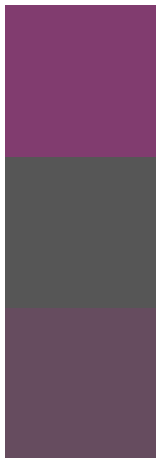
Original Color
36, 39.972, 336.538

Protanomaly
35, 29.955, 305.721

Deuteranomaly
36, 22.797, 318.775

Tritanomaly
36, 29.072, 357.632

Monochromacy



Original Color
36, 39.972, 336.538

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 16.029, 334.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 39.972, 336.538 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(129, 60, 111)` looks like.

```
.text, #text, p{  
    color:rgb(129, 60, 111)  
}
```

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(129, 60, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 60, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 39.972, 336.538 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(129, 60, 111) }
```

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

```
.border{ border-color:rgb(129, 60, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 60, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 60, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 60, 111);  
box-shadow:4px 4px 4px 4px rgb(129, 60,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 39.972, 336.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 60, 111) }
```

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

```
.background{ background-color: rgb(129, 60,  
111) }
```

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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