

Converting Colors

CIELCh(36, 74.812, 306.730)

Have a look what the booklet for
CIELCh(36, 74.812, 306.730)
contains.

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Color

CIELCh(36, 74.771, 306.745)

Conversions

Conversions Part 1

Format	Color
Hex	5F3CB7
RGB	95, 60, 183
RGB Percent	37%, 24%, 72%
CMY	0.6291, 0.7661, 0.2839
CMYK	0.48, 0.67, 0.00, 0.28
HSL	257°, 51%, 48%
HSV	257°, 67%, 72%
XYZ	14.7794, 9.0082, 45.5408
YIQ	84.4870, -18.6230, 45.6730

Conversions

Conversions Part 2

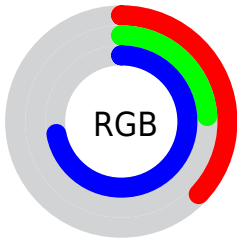
Format	Color
R_{YB}	95, 60, 183
Decimal	6241463
CIE _{Lab}	36.00, 44.73, -59.91
CIE _{LCh}	36, 74.771, 306.745
Yxy	9.0082, 0.2132, 0.1299
Android (android.graphics.Color)	4284431543 (0xFF5F3CB7)
YUV	84.4870, 48.5669, 9.2199
Hunter-Lab	30.0136, 35.3736, -68.9534

Details

The CIELCh color **36, 74.771, 306.745** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **70, 63.507, 117.759**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 74.644, 306.673**, and **16, 74.671, 306.735** is the 20% darker color. If you saturate the color by 10%, you get **31, 85.309, 307.552**, and if you desaturate by 10%, it is **41, 63.363, 305.802**.

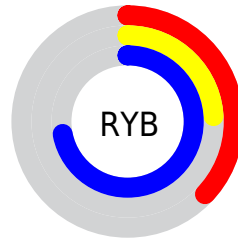
Distribution



Red (37%)

Green (24%)

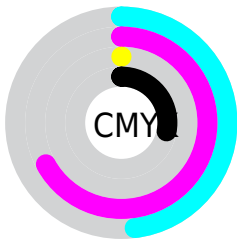
Blue (72%)



Red (37%)

Yellow (24%)

Blue (72%)

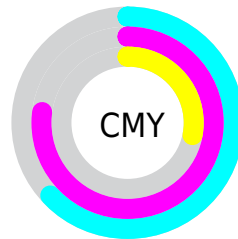


Cyan (48%)

Magenta (67%)

Yellow (0%)

Black (28%)



Cyan (63%)


Magenta (77%)

Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 74.771, 306.745 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, 74.771, 306.745 by changing the saturation by 10% instead.


 36, 74.771,
306.745


 36, 74.771,
306.745

 100, 74.771,
306.745


 26, 74.771,
306.745

 56, 74.771,
306.745


 16, 74.771,
306.745


 66, 74.771,
306.745

 6, 74.771, 306.745

 76, 74.771,
306.745

 0, 74.771, 306.745

 86, 74.771,
306.745

 96, 74.771,
306.745

■ 36, 74.771,
306.745

■ 36, 74.771,
306.745

■ 31, 85.309,
307.552

■ 41, 63.363,
305.802

■ 27, 94.002,
308.054

■ 47, 51.717,
304.837

■ 25, 99.911,
308.112

■ 52, 40.183,
303.914

■ 24, 101.310,
308.134

■ 58, 28.928,
303.067

■ 64, 18.024,
302.308

■ 70, 7.494, 301.636

■ 76, 2.666, 121.072

■ 82, 12.469,
120.552

■ 87, 21.933,
120.111

Harmonies

Complementary

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



36, 74.771, 306.745



70, 63.507, 117.759

Rectangle

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



36, 74.771, 306.745



36, 74.771, 356.745



36, 74.771, 126.745



36, 74.771, 176.745

Sweetspot

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



36, 74.771, 306.746



79, 25.858, 302.527



58, 29.955, 239.738



40, 17.873, 302.738



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



36, 74.771, 306.746



39, 109.445, 307.854



44, 74.404, 320.801



36, 5.836, 301.765



20, 89.867, 308.243



1, 15.572, 298.463

Inverse Universe

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



46, 62.467, 339.108



55, 84.947, 340.925



67, 72.777, 134.477



36, 5.664, 334.241



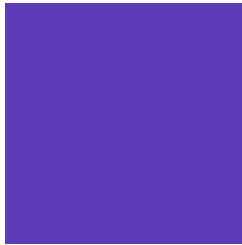
34, 64.628, 343.467



3, 14.255, 338.439

Previews

White Background



This preview shows how the CIE LCh color 36, 74.771, 306.745 looks on a white background.

Color Contrast Check

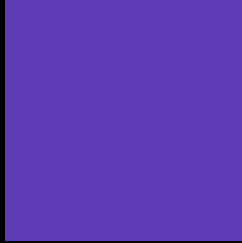
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.771, 306.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

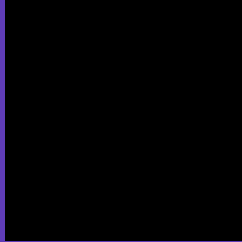
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 74.771, 306.745

Background



This preview shows how black text looks on a background with the CIELCh color 36, 74.771, 306.745.



This preview shows how white text looks on a background with the CIELCh color 36, 74.771, 306.745.

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

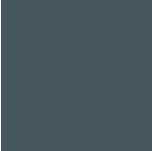
36, 74.771, 306.745

Protanopia

36, 56.573, 286.293

Deuteranopia

36, 40.207, 273.596



Tritanopia
36, 7.830, 232.609

Trichromacy



Original Color
36, 74.771, 306.745

Protanomaly
35, 63.178, 292.837

Deuteranomaly
34, 52.470, 288.469

Tritanomaly
35, 30.625, 296.306

Monochromacy



Original Color
36, 74.771, 306.745

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 28.595, 303.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 74.771, 306.745 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(95, 60, 183)` looks like.

```
.text, #text, p{  
    color:rgb(95, 60, 183)  
}
```

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(95, 60, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 60, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 74.771, 306.745 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(95, 60, 183) }
```

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

```
.border{ border-color:rgb(95, 60, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 60, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 60, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 60, 183);  
box-shadow:4px 4px 4px 4px rgb(95, 60,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 74.771, 306.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 60, 183) }
```

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

```
.background{ background-color: rgb(95, 60,  
183) }
```

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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