

Converting Colors

CIELCh(36, 86.594, 307.491)

Have a look what the booklet for
CIELCh(36, 86.594, 307.491)
contains.

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Color

CIELCh(36, 86.612, 307.397)

Conversions

Conversions Part 1

Format	Color
Hex	5F35C6
RGB	95, 53, 198
RGB Percent	37%, 21%, 78%
CMY	0.6285, 0.7931, 0.2246
CMYK	0.52, 0.73, 0.00, 0.22
HSL	257°, 58%, 49%
HSV	257°, 73%, 78%
XYZ	16.1156, 9.0082, 54.1577
YIQ	82.0880, -21.5130, 53.9990

Conversions

Conversions Part 2

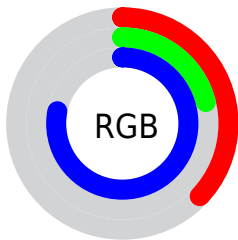
Format	Color
R_{YB}	95, 53, 198
Decimal	6239686
CIE _{Lab}	36.00, 52.60, -68.81
CIE _{LCh}	36, 86.612, 307.397
Yxy	9.0082, 0.2033, 0.1136
Android (android.graphics.Color)	4284429766 (0xFF5F35C6)
YUV	82.0880, 57.1446, 11.3238
Hunter-Lab	30.0136, 43.3205, -85.9756

Details

The CIELCh color **36, 86.612, 307.397** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **75, 72.236, 117.946**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 86.012, 307.341**, and **16, 85.836, 307.133** is the 20% darker color. If you saturate the color by 10%, you get **32, 96.703, 308.015**, and if you desaturate by 10%, it is **41, 74.953, 306.539**.

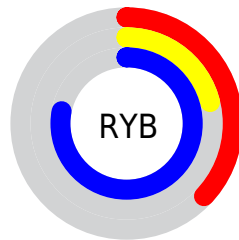
Distribution



Red (37%)

Green (21%)

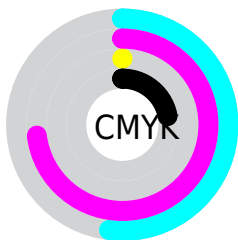
Blue (78%)



Red (37%)

Yellow (21%)

Blue (78%)

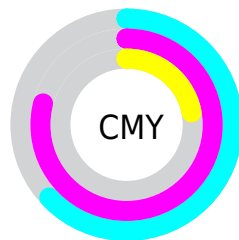


Cyan (52%)

Magenta (73%)

Yellow (0%)

Black (22%)



Cyan (63%)


Magenta (79%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 86.612, 307.397 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, 86.612, 307.397 by changing the saturation by 10% instead.


 36, 86.612,
307.397


 36, 86.612,
307.397

 100, 86.612,
307.397


 26, 86.612,
307.397

 56, 86.612,
307.397


 16, 86.612,
307.397


 66, 86.612,
307.397

 6, 86.612, 307.397

 76, 86.612,
307.397

 0, 86.612, 307.397

 86, 86.612,
307.397

 96, 86.612,
307.397

■ 36, 86.612,
307.397

■ 36, 86.612,
307.397

■ 32, 96.703,
308.015

■ 41, 74.953,
306.539

■ 28, 104.037,
308.204

■ 47, 62.644,
305.588

■ 27, 107.480,
308.150

■ 53, 50.241,
304.642

■ 59, 38.036,
303.752

■ 65, 26.164,
302.944

■ 72, 14.680,
302.223

■ 78, 3.596, 301.582

■ 84, 7.097, 121.049

■ 90, 17.415,
120.567

Harmonies

Complementary

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



36, 86.612, 307.397



75, 72.236, 117.946

Rectangle

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



36, 86.612, 307.397



36, 86.612, 357.397



36, 86.612, 127.397



36, 86.612, 177.397

Sweetspot

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



36, 86.612, 307.398



83, 30.298, 302.869



61, 33.635, 241.779



42, 20.456, 303.081



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



36, 86.612, 307.398



39, 122.941, 308.191



45, 84.468, 320.842



39, 6.240, 301.963



21, 93.057, 308.274



2, 21.793, 299.319

Inverse Universe

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



48, 69.981, 340.111



58, 91.800, 342.347



71, 82.764, 134.212



39, 6.028, 334.459



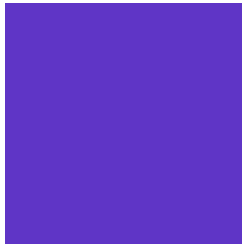
36, 66.674, 343.917



4, 20.752, 339.931

Previews

White Background



This preview shows how the CIELCh color 36, 86.612, 307.397 looks on a white background.

Color Contrast Check

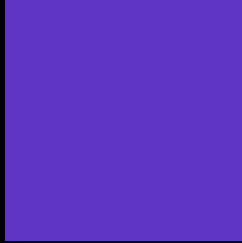
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.612, 307.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

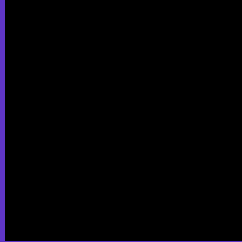
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 86.612, 307.397

Background



This preview shows how black text looks on a background with the CIELCh color 36, 86.612, 307.397.

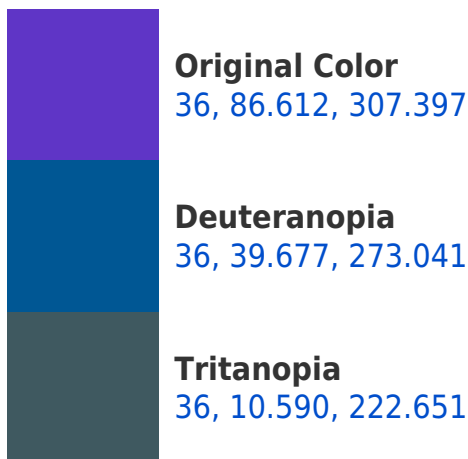


This preview shows how white text looks on a background with the CIELCh color 36, 86.612, 307.397.

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



Trichromacy



Original Color
36, 86.612, 307.397

Deuteranomaly
34, 56.705, 290.588

Tritanomaly
35, 35.579, 295.299

Monochromacy



Original Color
36, 86.612, 307.397

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 33.784, 304.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 86.612, 307.397 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, 53, 198)` looks like.

```
.text, #text, p{  
    color:rgb(95, 53, 198)  
}
```

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, 53, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 53, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 86.612, 307.397 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, 53, 198) }
```

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

```
.border{ border-color:rgb(95, 53, 198) }
```

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

Here you see how a box with a 4 pixel rgb(95, 53, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 53, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 53, 198);  
box-shadow:4px 4px 4px 4px rgb(95, 53,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 86.612, 307.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 53, 198) }
```

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

```
.background{ background-color: rgb(95, 53,  
198) }
```

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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