

Converting Colors

CIELCh(36, 57.630, 313.229)

Have a look what the booklet for
CIELCh(36, 57.630, 313.229)
contains.

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Color

CIELCh(36, 57.846, 313.317)

Conversions

Conversions Part 1

Format	Color
Hex	6F3D99
RGB	111, 61, 153
RGB Percent	44%, 24%, 60%
CMY	0.5649, 0.7609, 0.4002
CMYK	0.27, 0.60, 0.00, 0.40
HSL	273°, 43%, 42%
HSV	273°, 60%, 60%
XYZ	13.9625, 9.0082, 31.1203
YIQ	86.4380, 0.2680, 39.2120

Conversions

Conversions Part 2

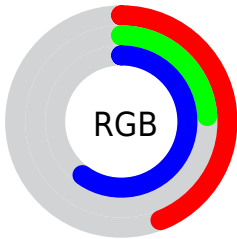
Format	Color
R_{YB}	111, 61, 153
Decimal	7290265
CIE _{Lab}	36.00, 39.68, -42.09
CIE _{LCh}	36, 57.846, 313.317
Yxy	9.0082, 0.2581, 0.1665
Android (android.graphics.Color)	4285480345 (0xFF6F3D99)
YUV	86.4380, 32.8151, 21.5409
Hunter-Lab	30.0136, 30.5154, -40.4668

Details

The CIELCh color $36, 57.846, 313.317$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $58, 53.522, 127.966$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $56, 57.790, 313.201$, and $16, 57.703, 313.391$ is the 20% darker color. If you saturate the color by 10%, you get $32, 66.682, 313.617$, and if you desaturate by 10%, it is $40, 48.333, 312.900$.

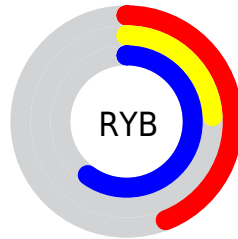
Distribution



Red (44%)

Green (24%)

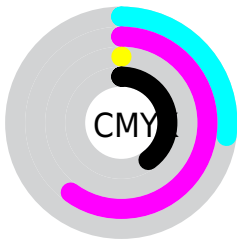
Blue (60%)



Red (44%)

Yellow (24%)

Blue (60%)

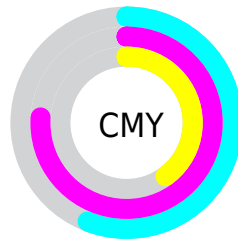


Cyan (27%)

Magenta (60%)

Yellow (0%)

Black (40%)



Cyan (56%)


Magenta (76%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 57.846, 313.317 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, 57.846, 313.317 by changing the saturation by 10% instead.


 36, 57.846,
313.317


 36, 57.846,
313.317

 100, 57.846,
313.317


 26, 57.846,
313.317

 56, 57.846,
313.317


 16, 57.846,
313.317


 66, 57.846,
313.317

 6, 57.846, 313.317

 76, 57.846,
313.317

 0, 57.846, 313.317

 86, 57.846,
313.317

 96, 57.846,
313.317

36, 57.846,
313.317

36, 57.846,
313.317

32, 66.682,
313.617

40, 48.333,
312.900

29, 74.315,
313.716

45, 38.530,
312.425

26, 80.140,
313.519

49, 28.688,
311.933

24, 84.290,
313.096

54, 18.957,
311.450

58, 9.427, 310.989

63, 0.140, 309.803

68, 8.883, 130.207

73, 17.637,
129.856

■ 77, 26.126,
129.547

Harmonies

Complementary

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



36, 57.846, 313.317



58, 53.522, 127.966

Rectangle

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



36, 57.846, 313.317



36, 57.846, 3.317



36, 57.846, 133.317



36, 57.846, 183.317

Sweetspot

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



36, 57.845, 313.317



70, 20.937, 311.366



43, 31.220, 271.137



35, 14.559, 311.493



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, 57.845, 313.317



41, 84.232, 313.676



42, 58.894, 328.422



30, 5.247, 310.947



22, 79.062, 313.182



1, 5.595, 310.257

Inverse Universe

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



40, 43.182, 353.339



47, 61.146, 356.278



56, 59.594, 140.176



30, 4.067, 346.791



29, 54.133, 5.024



1, 4.320, 346.497

Previews

White Background



This preview shows how the CIELCh color 36, 57.846, 313.317 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, 57.846, 313.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

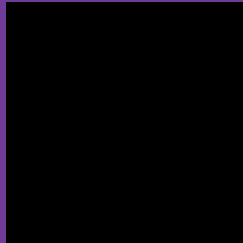
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 57.846, 313.317

Background



This preview shows how black text looks on a background with the CIELCh color 36, 57.846, 313.317.

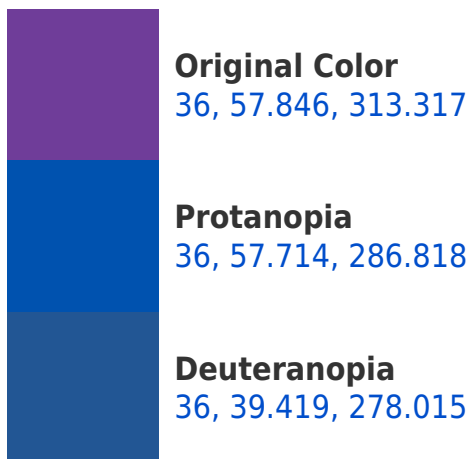



This preview shows how white text looks on a background with the CIELCh color 36, 57.846, 313.317.

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, 9.043, 356.644

Trichromacy



Original Color
36, 57.846, 313.317



Protanomaly
34, 57.848, 292.021



Deuteranomaly
35, 45.366, 292.074



Tritanomaly
36, 25.802, 320.548

Monochromacy



Original Color
36, 57.846, 313.317



Achromatopsia
37, 0.005, 296.813



Achromatomaly
36, 21.774, 311.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 57.846, 313.317 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(111, 61, 153)` looks like.

```
.text, #text, p{  
    color:rgb(111, 61, 153)  
}
```

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(111, 61, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 61, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 57.846, 313.317 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(111, 61, 153) }
```

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

```
.border{ border-color:rgb(111, 61, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 61, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 61, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 61, 153);  
box-shadow:4px 4px 4px 4px rgb(111, 61,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 57.846, 313.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 61, 153) }
```

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

```
.background{ background-color: rgb(111, 61,  
153) }
```

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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