

Converting Colors

CIELCh(36, 60.606, 307.324)

Have a look what the booklet for
CIELCh(36, 60.606, 307.324)
contains.

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Color

CIELCh(36, 60.673, 307.425)

Conversions

Conversions Part 1

Format	Color
Hex	6241A3
RGB	98, 65, 163
RGB Percent	38%, 25%, 64%
CMY	0.6160, 0.7453, 0.3611
CMYK	0.40, 0.60, 0.00, 0.36
HSL	260°, 43%, 45%
HSV	260°, 60%, 64%
XYZ	13.5208, 9.0082, 35.6437
YIQ	86.0390, -11.7900, 37.4740

Conversions

Conversions Part 2

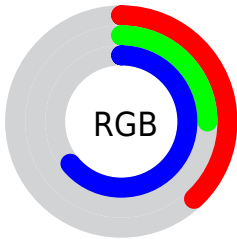
Format	Color
R_{YB}	98, 65, 163
Decimal	6439331
CIE _{Lab}	36.00, 36.87, -48.18
CIE _{LCh}	36, 60.673, 307.425
Yxy	9.0082, 0.2324, 0.1549
Android (android.graphics.Color)	4284629411 (0xFF6241A3)
YUV	86.0390, 37.9418, 10.4898
Hunter-Lab	30.0136, 27.8883, -49.4024

Details

The CIELCh color **36, 60.673, 307.425** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **63, 53.361, 120.177**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 61.082, 307.560**, and **16, 60.250, 307.274** is the 20% darker color. If you saturate the color by 10%, you get **31, 70.763, 308.174**, and if you desaturate by 10%, it is **41, 50.189, 306.612**.

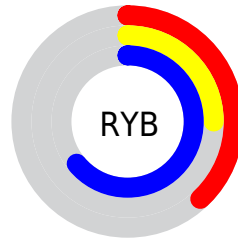
Distribution



Red (38%)

Green (25%)

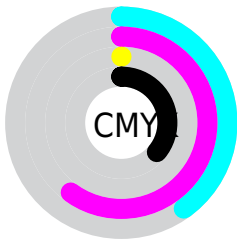
Blue (64%)



Red (38%)

Yellow (25%)

Blue (64%)

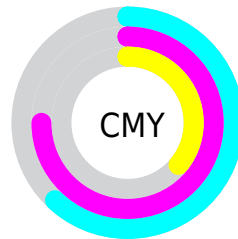


Cyan (40%)

Magenta (60%)

Yellow (0%)

Black (36%)



Cyan (62%)


Magenta (75%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 60.673, 307.425 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, 60.673, 307.425 by changing the saturation by 10% instead.


 36, 60.673,
307.425


 36, 60.673,
307.425

 100, 60.673,
307.425


 26, 60.673,
307.425

 56, 60.673,
307.425


 16, 60.673,
307.425


 66, 60.673,
307.425

 6, 60.673, 307.425

 76, 60.673,
307.425

 0, 60.673, 307.425

 86, 60.673,
307.425

 96, 60.673,
307.425

36, 60.673,
307.425

36, 60.673,
307.425

31, 70.763,
308.174

41, 50.189,
306.612

27, 79.839,
308.744

46, 39.683,
305.805

24, 87.036,
308.981

51, 29.355,
305.044

22, 92.170,
308.927


56, 19.300,
304.349

62, 9.558, 303.725

67, 0.140, 302.803

72, 8.959, 122.704

77, 17.753,
122.281

 82, 26.255,
121.916

Harmonies

Complementary

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



36, 60.673, 307.425



63, 53.361, 120.177

Rectangle

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



36, 60.673, 307.425



36, 60.673, 357.425



36, 60.673, 127.425



36, 60.673, 177.425

Sweetspot

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



36, 60.672, 307.425



73, 21.276, 304.231



52, 26.046, 245.438



37, 14.972, 304.415



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



36, 60.672, 307.425



40, 89.663, 308.383



42, 62.093, 322.222



32, 5.330, 303.673



19, 84.669, 309.022



1, 8.141, 301.987

Inverse Universe

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



43, 50.717, 340.944



51, 70.949, 342.613



60, 61.264, 136.066



32, 4.948, 336.414



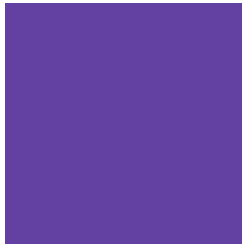
32, 59.603, 347.184



1, 7.330, 338.365

Previews

White Background



This preview shows how the CIELCh color 36, 60.673, 307.425 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, 60.673, 307.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

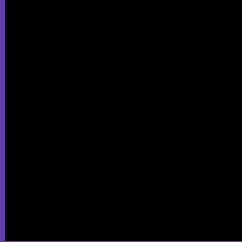
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 60.673, 307.425

Background



This preview shows how black text looks on a background with the CIELCh color 36, 60.673, 307.425.



This preview shows how white text looks on a background with the CIELCh color 36, 60.673, 307.425.

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, 4.493, 275.020

Trichromacy



Original Color
36, 60.673, 307.425

Protanomaly
35, 58.341, 291.150

Deuteranomaly
35, 48.216, 286.318

Tritanomaly
36, 25.266, 302.373

Monochromacy



Original Color
36, 60.673, 307.425

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 22.963, 304.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 60.673, 307.425 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(98, 65, 163)` looks like.

```
.text, #text, p{  
    color:rgb(98, 65, 163)  
}
```

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(98, 65, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 65, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 60.673, 307.425 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(98, 65, 163) }
```

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

```
.border{ border-color:rgb(98, 65, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 65, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 65, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 65, 163);  
box-shadow:4px 4px 4px 4px rgb(98, 65,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 60.673, 307.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 65, 163) }
```

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

```
.background{ background-color: rgb(98, 65,  
163) }
```

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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