

Converting Colors

CIELCh(34, 99.968, 312.323)

Have a look what the booklet for
CIELCh(34, 99.968, 312.323)
contains.

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Color

CIELCh(34, 100.087, 312.348)

Conversions

Conversions Part 1

Format	Color
Hex	6E13C9
RGB	110, 19, 201
RGB Percent	43%, 7%, 79%
CMY	0.5684, 0.9251, 0.2115
CMYK	0.45, 0.91, 0.00, 0.21
HSL	270°, 83%, 43%
HSV	270°, 91%, 79%
XYZ	17.2229, 8.0082, 55.9343
YIQ	66.9570, -4.1860, 75.8940

Conversions

Conversions Part 2

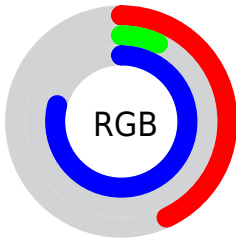
Format	Color
R _Y B	110, 19, 201
Decimal	7214025
CIE Lab	34.00, 67.42, -73.97
CIE LCh	34, 100.087, 312.348
Yxy	8.0082, 0.2122, 0.0987
Android (android.graphics.Color)	4285404105 (0xFF6E13C9)
YUV	66.9570, 66.0832, 37.7487
Hunter-Lab	28.2988, 59.1140, -97.3810

Details

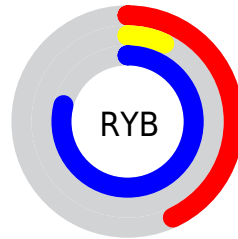
The CIELCh color **34, 100.087, 312.348** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **73, 87.911, 127.153**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 98.317, 312.730**, and **18, 84.922, 308.644** is the 20% darker color. If you saturate the color by 10%, you get **32, 104.398, 311.831**, and if you desaturate by 10%, it is **37, 93.070, 312.567**.

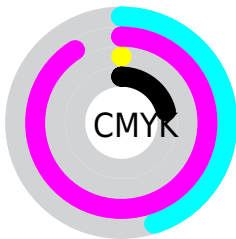
Distribution



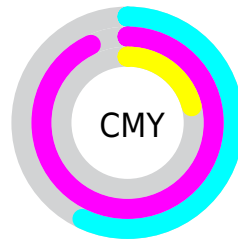
- Red (43%)
- Green (7%)
- Blue (79%)



- Red (43%)
- Yellow (7%)
- Blue (79%)



- Cyan (45%)
- Magenta (91%)
- Yellow (0%)
- Black (21%)





- Cyan (57%)
- Magenta (93%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 100.087, 312.348 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 34, 100.087, 312.348 by changing the saturation by 10% instead.


 34, 100.087,
312.348


 34, 100.087,
312.348

 100, 100.087,
312.348


 24, 100.087,
312.348


 54, 100.087,
312.348


 14, 100.087,
312.348


 64, 100.087,
312.348

 4, 100.087,
312.348

 74, 100.087,
312.348

 0, 100.087,
312.348

 84, 100.087,
312.348

 94, 100.087,
312.348

34, 100.087,
312.348

34, 100.087,
312.348

32, 104.398,
311.831

37, 93.070,
312.567

41, 83.612,
312.445

46, 72.553,
312.098

52, 60.626,
311.623

57, 48.351,
311.091

63, 36.057,
310.548

69, 23.937,
310.022

75, 12.094,

309.527

■ 81, 0.579, 308.884

Harmonies

Complementary

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



34, 100.087, 312.348



73, 87.911, 127.153

Rectangle

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



34, 100.087, 312.348



34, 100.087, 2.348



34, 100.087, 132.348



34, 100.087, 182.348

Sweetspot

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



34, 100.087, 312.349



81, 38.567, 310.381



47, 53.244, 278.337



40, 26.093, 310.566



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



34, 100.087, 312.349



41, 125.052, 311.673



48, 94.661, 327.549



39, 6.463, 309.473



25, 89.273, 312.002



2, 22.367, 305.919

Inverse Universe

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



44, 69.579, 358.559



55, 84.629, 2.939



71, 97.595, 136.294



39, 5.202, 344.381



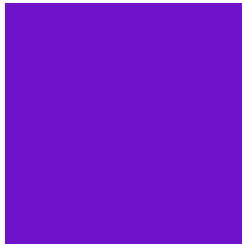
35, 60.737, 1.556



4, 17.858, 352.980

Previews

White Background



This preview shows how the CIE LCh color 34, 100.087, 312.348 looks on a white background.

Color Contrast Check

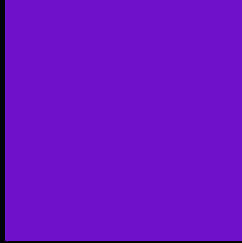
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 100.087, 312.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

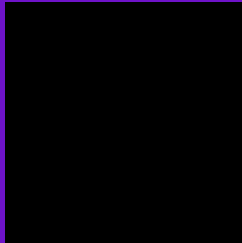
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 100.087, 312.348

Background



This preview shows how black text looks on a background with the CIELCh color 34, 100.087, 312.348.

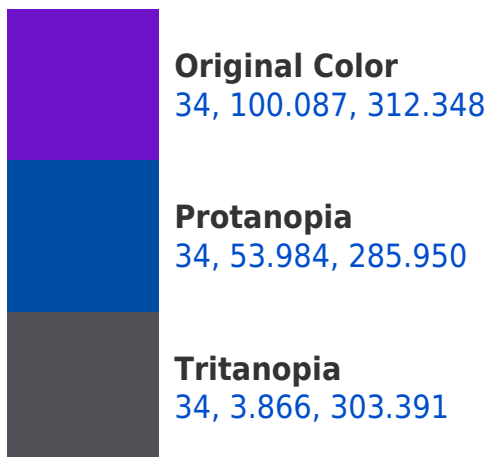


This preview shows how white text looks on a background with the CIELCh color 34, 100.087, 312.348.

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
34, 100.087, 312.348

Protanomaly
31, 74.887, 299.267

Tritanomaly
31, 45.391, 311.304

Monochromacy



Original Color
34, 100.087, 312.348

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 43.603, 311.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 100.087, 312.348 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(110, 19, 201)` looks like.

```
.text, #text, p{  
    color:rgb(110, 19, 201)  
}
```

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(110, 19, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 19, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 100.087, 312.348 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(110, 19, 201) }
```

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

```
.border{ border-color:rgb(110, 19, 201) }
```

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

Here you see how a box with a 4 pixel rgb(110, 19, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 19, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 19, 201);  
box-shadow:4px 4px 4px 4px rgb(110, 19,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 100.087, 312.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 19, 201) }
```

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

```
.background{ background-color: rgb(110, 19,  
201) }
```

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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