

Converting Colors

CIELCh(34, 114.054, 310.386)

Have a look what the booklet for
CIELCh(34, 114.054, 310.386)
contains.

CIELCh(34, 113.948, 310.389)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(34, 113.948, 310.389)

Conversions

Conversions Part 1

Format	Color
Hex	6203DF
RGB	98, 3, 223
RGB Percent	38%, 1%, 87%
CMY	0.6151, 0.9873, 0.1250
CMYK	0.56, 0.99, 0.00, 0.13
HSL	266°, 97%, 44%
HSV	266°, 99%, 87%
XYZ	18.4209, 8.0082, 70.4668
YIQ	56.4850, -14.0000, 88.5600

Conversions

Conversions Part 2

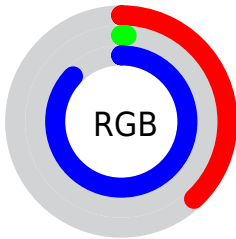
Format	Color
R _Y B	98, 3, 223
Decimal	6423519
CIE Lab	34.00, 73.84, -86.79
CIE LCh	34, 113.948, 310.389
Yxy	8.0082, 0.1901, 0.0826
Android (android.graphics.Color)	4284613599 (0xFF6203DF)
YUV	56.4850, 82.0919, 36.4087
Hunter-Lab	28.2988, 66.6702, -127.8288

Details

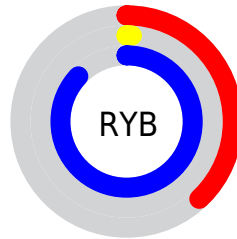
The CIELCh color **34, 113.948, 310.389** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **80, 96.131, 125.638**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 100.935, 311.935**, and **19, 97.038, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **34, 114.623, 310.321**, and if you desaturate by 10%, it is **37, 108.578, 310.843**.

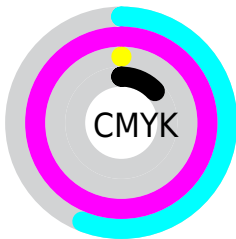
Distribution



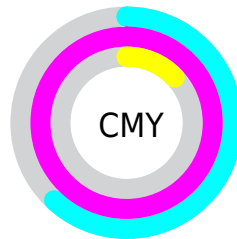
- Red (38%)
- Green (1%)
- Blue (87%)



- Red (38%)
- Yellow (1%)
- Blue (87%)



- Cyan (56%)
- Magenta (99%)
- Yellow (0%)
- Black (13%)





- Cyan (62%)
- Magenta (99%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 113.948, 310.389 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, 113.948, 310.389 by changing the saturation by 10% instead.


 34, 113.948,
310.389


 34, 113.948,
310.389

 100, 113.948,
310.389


 24, 113.948,
310.389


 54, 113.948,
310.389


 14, 113.948,
310.389


 64, 113.948,
310.389

 4, 113.948,
310.389

 74, 113.948,
310.389

 0, 113.948,
310.389

 84, 113.948,
310.389

 94, 113.948,
310.389

■ 34, 113.948,
310.389

■ 34, 113.948,
310.389

■ 34, 114.623,
310.321

■ 37, 108.578,
310.843

■ 41, 100.005,
310.873

■ 46, 88.919,
310.563

■ 51, 76.340,
310.049

■ 57, 63.065,
309.437

■ 64, 49.612,
308.797

■ 70, 36.280,
308.172

■ 77, 23.233,

307.586

■ 83, 10.546,
307.047

Harmonies

Complementary

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



34, 113.948, 310.389



80, 96.131, 125.638

Rectangle

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



34, 113.948, 310.389



34, 113.948, 0.389



34, 113.948, 130.389



34, 113.948, 180.389

Sweetspot

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



34, 113.949, 310.390



78, 42.583, 308.274



54, 54.954, 274.557



38, 29.213, 308.538



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, 113.949, 310.390



39, 126.909, 310.240



50, 104.731, 324.978



44, 7.046, 307.094



26, 95.812, 310.494



3, 33.010, 307.737

Inverse Universe

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



49, 77.767, 355.662



55, 86.028, 356.443



78, 107.474, 135.732



44, 6.021, 340.840



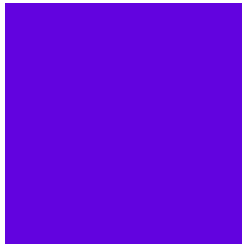
38, 65.359, 355.538



7, 27.243, 349.751

Previews

White Background



This preview shows how the CIELCh color 34, 113.948, 310.389 looks on a white background.

Color Contrast Check

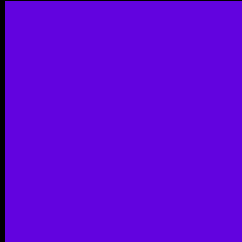
Large Text (above 18pt) WCAG AA ✓ Pass

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, 113.948, 310.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

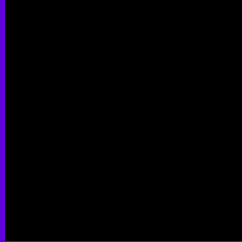
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 113.948, 310.389

Background



This preview shows how black text looks on a background with the CIELCh color 34, 113.948, 310.389.



This preview shows how white text looks on a background with the CIELCh color 34, 113.948, 310.389.

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


34, 113.948, 310.389

Protanopia

35, 53.917, 285.681

Deuteranopia

35, 37.575, 271.733



Tritanopia
35, 13.548, 216.814

Trichromacy



Original Color
34, 113.948, 310.389

Protanomaly
30, 83.711, 301.036

Deuteranomaly
30, 72.902, 298.985

Tritanomaly
30, 53.450, 302.037

Monochromacy



Original Color
34, 113.948, 310.389

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 52.531, 310.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 113.948, 310.389 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, 3, 223)` looks like.

```
.text, #text, p{  
    color:rgb(98, 3, 223)  
}
```

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, 3, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 3, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 113.948, 310.389 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, 3, 223) }
```

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

```
.border{ border-color:rgb(98, 3, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 3, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 3, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 3, 223);  
box-shadow:4px 4px 4px 4px rgb(98, 3, 223)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 113.948, 310.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 3, 223) }
```

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

```
.background{ background-color: rgb(98, 3,  
223) }
```

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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