

Converting Colors

CIELCh(34, 115.453, 309.980)

Have a look what the booklet for
CIELCh(34, 115.453, 309.980)
contains.

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Color

CIELCh(34, 115.434, 309.984)

Conversions

Conversions Part 1

Format	Color
Hex	5F04E2
RGB	95, 4, 226
RGB Percent	37%, 2%, 89%
CMY	0.6275, 0.9845, 0.1138
CMYK	0.58, 0.98, 0.00, 0.11
HSL	265°, 97%, 45%
HSV	265°, 98%, 89%
XYZ	18.4858, 8.0082, 72.5128
YIQ	56.5170, -17.0260, 88.3340

Conversions

Conversions Part 2

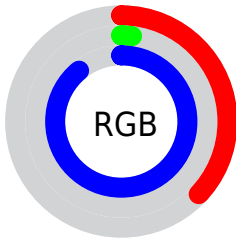
Format	Color
RYB	95, 4, 226
Decimal	6227170
CIELab	34.00, 74.17, -88.45
CIELCh	34, 115.434, 309.984
Yxy	8.0082, 0.1867, 0.0809
Android (android.graphics.Color)	4284417250 (0xFF5F04E2)
YUV	56.5170, 83.5551, 33.7496
Hunter-Lab	28.2988, 67.0798, -132.1154

Details

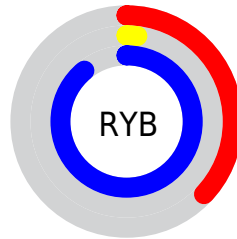
The CIELCh color **34, 115.434, 309.984** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **82, 96.285, 124.764**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 100.993, 311.637**, and **19, 98.329, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **34, 116.265, 309.907**, and if you desaturate by 10%, it is **37, 109.850, 310.391**.

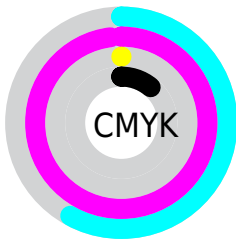
Distribution



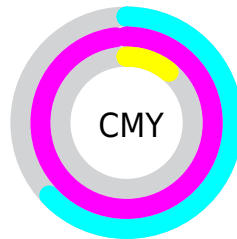
- Red (37%)
- Green (2%)
- Blue (89%)



- Red (37%)
- Yellow (2%)
- Blue (89%)



- Cyan (58%)
- Magenta (98%)
- Yellow (0%)
- Black (11%)





- Cyan (63%)
- Magenta (98%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 115.434, 309.984 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, 115.434, 309.984 by changing the saturation by 10% instead.


 34, 115.434,
309.984


 34, 115.434,
309.984


 100, 115.434,
309.984


 24, 115.434,
309.984


 54, 115.434,
309.984


 14, 115.434,
309.984


 64, 115.434,
309.984

 4, 115.434,
309.984

 74, 115.434,
309.984

 0, 115.434,
309.984

 84, 115.434,
309.984

 94, 115.434,
309.984

■ 34, 115.434,
309.984

■ 34, 115.434,
309.984

■ 34, 116.265,
309.907

■ 37, 109.850,
310.391

■ 41, 100.957,
310.359

■ 46, 89.557,
309.988

■ 52, 76.711,
309.418

■ 58, 63.224,
308.759

■ 64, 49.607,
308.082

■ 71, 36.150,
307.428

■ 78, 23.003,

306.819

■ 84, 10.235,
306.264

Harmonies

Complementary

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



34, 115.434, 309.984



82, 96.285, 124.764

Rectangle

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



34, 115.434, 309.984



34, 115.434, 359.984



34, 115.434, 129.984



34, 115.434, 179.984

Sweetspot

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



34, 115.435, 309.985



79, 40.988, 307.488



56, 53.536, 272.209



39, 28.293, 307.766



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, 115.435, 309.985



38, 127.482, 309.836



50, 105.843, 324.350



44, 7.019, 306.328



25, 96.240, 310.085



3, 32.869, 306.936

Inverse Universe

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



49, 79.169, 353.681



56, 86.730, 354.474



79, 108.300, 135.636



44, 6.112, 339.785



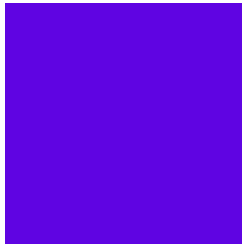
38, 65.916, 353.635



7, 27.546, 348.263

Previews

White Background



This preview shows how the CIE LCh color 34, 115.434, 309.984 looks on a white background.

Color Contrast Check

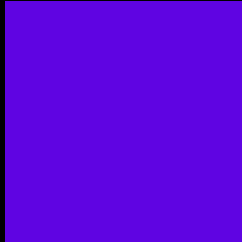
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115.434, 309.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

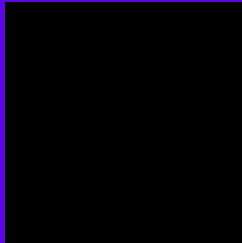
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 115.434, 309.984

Background



This preview shows how black text looks on a background with the CIELCh color 34, 115.434, 309.984.



This preview shows how white text looks on a background with the CIELCh color 34, 115.434, 309.984.

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, 115.434, 309.984

Protanopia

34, 54.560, 286.234

Deuteranopia

34, 37.051, 271.109



Tritanopia
35, 16.407, 213.056

Trichromacy



Original Color
34, 115.434, 309.984

Protanomaly
30, 84.276, 301.025

Deuteranomaly
29, 72.924, 298.895

Tritanomaly
29, 54.742, 300.236

Monochromacy



Original Color
34, 115.434, 309.984

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 53.131, 309.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 115.434, 309.984 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, 4, 226)` looks like.

```
.text, #text, p{  
  color:rgb(95, 4, 226)  
}
```

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, 4, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 4, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 115.434, 309.984 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, 4, 226) }
```

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

```
.border{ border-color:rgb(95, 4, 226) }
```

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

Here you see how a box with a 4 pixel rgb(95, 4, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 4, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 4, 226);  
box-shadow:4px 4px 4px 4px rgb(95, 4, 226)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 115.434, 309.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 4, 226) }
```

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

```
.background{ background-color: rgb(95, 4,  
226) }
```

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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