

Converting Colors

CIELCh(37, 124.919, 309.595)

Have a look what the booklet for
CIELCh(37, 124.919, 309.595)
contains.

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Color

CIELCh(37, 125.110, 309.557)

Conversions

Conversions Part 1

Format	Color
Hex	6303F9
RGB	99, 3, 249
RGB Percent	39%, 1%, 98%
CMY	0.6122, 0.9893, 0.0240
CMYK	0.60, 0.99, 0.00, 0.02
HSL	263°, 98%, 49%
HSV	263°, 99%, 98%
XYZ	22.2436, 9.5379, 90.2030
YIQ	59.7480, -21.7500, 96.8580

Conversions

Conversions Part 2

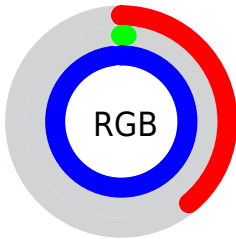
Format	Color
R _Y B	99, 3, 249
Decimal	6489081
CIE Lab	37.00, 79.68, -96.46
CIE LCh	37, 125.110, 309.557
Yxy	9.5379, 0.1823, 0.0782
Android (android.graphics.Color)	4284679161 (0xFF6303F9)
YUV	59.7480, 93.3012, 34.4240
Hunter-Lab	30.8835, 74.5170, -151.5526

Details

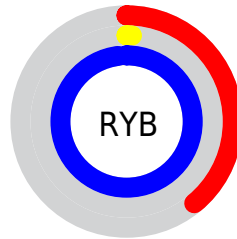
The CIELCh color **37, 125.110, 309.557** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **89, 103.217, 124.127**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **53, 99.380, 312.278**, and **23, 107.676, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **37, 125.636, 309.508**, and if you desaturate by 10%, it is **40, 119.413, 309.979**.

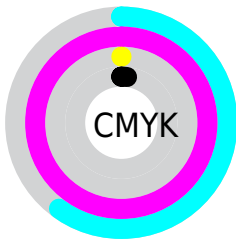
Distribution



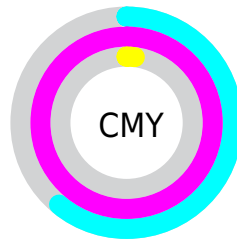
- Red (39%)
- Green (1%)
- Blue (98%)



- Red (39%)
- Yellow (1%)
- Blue (98%)



- Cyan (60%)
- Magenta (99%)
- Yellow (0%)
- Black (2%)





- Cyan (61%)
- Magenta (99%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 125.110, 309.557 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 37, 125.110, 309.557 by changing the saturation by 10% instead.


 37, 125.110,
309.557


 37, 125.110,
309.557


 100, 125.110,
309.557


 27, 125.110,
309.557


 57, 125.110,
309.557


 17, 125.110,
309.557


 67, 125.110,
309.557

 7, 125.110,
309.557

 77, 125.110,
309.557

 0, 125.110,
309.557

 87, 125.110,
309.557

 97, 125.110,
309.557

■ 37, 125.110,
309.557

■ 37, 125.110,
309.557

■ 37, 125.636,
309.508

■ 40, 119.413,
309.979

■ 44, 110.023,
309.943

■ 50, 97.779,
309.545

■ 56, 83.889,
308.937

■ 63, 69.277,
308.236

■ 70, 54.523,
307.518

■ 77, 39.950,
306.829

■ 84, 25.725,

306.190

■ 91, 11.923,
305.610

Harmonies

Complementary

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



37, 125.110, 309.557



89, 103.217, 124.127

Rectangle

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



37, 125.110, 309.557



37, 125.110, 359.557



37, 125.110, 129.557



37, 125.110, 179.557

Sweetspot

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



37, 125.111, 309.558



78, 42.359, 306.905



62, 56.238, 270.457



38, 29.075, 307.193



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



37, 125.111, 309.558



38, 127.986, 309.494



54, 114.218, 323.683



48, 7.644, 305.643



27, 101.833, 309.685



5, 43.066, 309.606

Inverse Universe

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



55, 85.861, 352.382



56, 87.456, 352.754



86, 116.572, 135.548



49, 6.769, 338.876



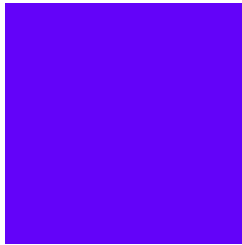
41, 69.968, 352.141



10, 32.473, 348.089

Previews

White Background



This preview shows how the CIELCh color 37, 125.110, 309.557 looks on a white background.

Color Contrast Check

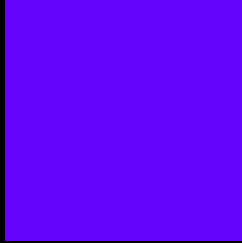
Large Text (above 18pt) WCAG AA ✓ Pass

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 37, 125.110, 309.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

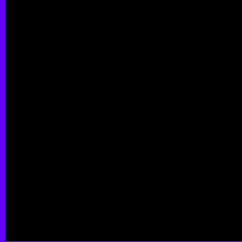
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 125.110, 309.557

Background



This preview shows how black text looks on a background with the CIELCh color 37, 125.110, 309.557.



This preview shows how white text looks on a background with the CIELCh color 37, 125.110, 309.557.

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

37, 125.110, 309.557

Protanopia

37, 57.505, 286.071

Deuteranopia

37, 39.670, 271.693



Tritanopia
37, 21.332, 210.495

Trichromacy



Original Color
37, 125.110, 309.557

Protanomaly
33, 90.902, 301.148

Deuteranomaly
32, 79.258, 299.164

Tritanomaly
31, 59.116, 297.305

Monochromacy



Original Color
37, 125.110, 309.557

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 58.074, 309.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 125.110, 309.557 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(99, 3, 249)` looks like.

```
.text, #text, p{  
    color:rgb(99, 3, 249)  
}
```

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(99, 3, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 3, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 125.110, 309.557 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(99, 3, 249) }
```

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

```
.border{ border-color:rgb(99, 3, 249) }
```

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

Here you see how a box with a 4 pixel rgb(99, 3, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 3, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 3, 249);  
box-shadow:4px 4px 4px 4px rgb(99, 3, 249)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 125.110, 309.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 3, 249) }
```

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

```
.background{ background-color: rgb(99, 3,  
249) }
```

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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