

Converting Colors

CIELCh(39, 123.808, 310.608)

Have a look what the booklet for
CIELCh(39, 123.808, 310.608)
contains.

CIELCh(39, 123.623, 310.607)	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(39, 123.623, 310.607)

Conversions

Conversions Part 1

Format	Color
Hex	7207FA
RGB	114, 7, 250
RGB Percent	45%, 3%, 98%
CMY	0.5518, 0.9740, 0.0186
CMYK	0.54, 0.97, 0.00, 0.02
HSL	267°, 96%, 50%
HSV	267°, 97%, 98%
XYZ	24.3437, 10.6589, 91.4230
YIQ	66.6950, -14.2310, 98.2570

Conversions

Conversions Part 2

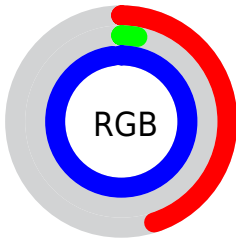
Format	Color
RYB	114, 7, 250
Decimal	7473146
CIELab	39.00, 80.46, -93.85
CIELCh	39, 123.623, 310.607
Yxy	10.6589, 0.1926, 0.0843
Android (android.graphics.Color)	4285663226 (0xFF7207FA)
YUV	66.6950, 90.3694, 41.4865
Hunter-Lab	32.6480, 75.9630, -143.1739

Details

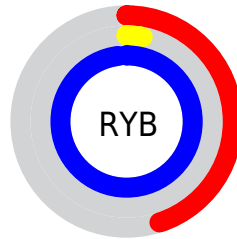
The CIELCh color **39, 123.623, 310.607** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **89, 104.943, 125.980**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 97.690, 314.110**, and **24, 106.966, 306.948** is the 20% darker color. If you saturate the color by 10%, you get **38, 124.826, 310.451**, and if you desaturate by 10%, it is **42, 117.719, 311.083**.

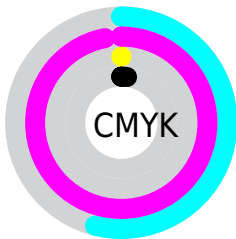
Distribution



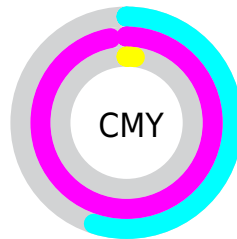
- Red (45%)
- Green (3%)
- Blue (98%)



- Red (45%)
- Yellow (3%)
- Blue (98%)



- Cyan (54%)
- Magenta (97%)
- Yellow (0%)
- Black (2%)





- Cyan (55%)
- Magenta (97%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 123.623, 310.607 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 39, 123.623, 310.607 by changing the saturation by 10% instead.


 39, 123.623,
310.607


 39, 123.623,
310.607


 100, 123.623,
310.607


 29, 123.623,
310.607


 59, 123.623,
310.607


 19, 123.623,
310.607


 69, 123.623,
310.607

 9, 123.623,
310.607

 79, 123.623,
310.607

 0, 123.623,
310.607

 89, 123.623,
310.607

 99, 123.623,
310.607

■ 39, 123.623,
310.607

■ 39, 123.623,
310.607

■ 38, 124.826,
310.451

■ 42, 117.719,
311.083

■ 46, 108.173,
311.109

■ 52, 95.926,
310.803

■ 58, 82.087,
310.298

■ 65, 67.513,
309.697

■ 72, 52.758,
309.069

■ 79, 38.146,
308.456

■ 86, 23.849,

307.882

 93, 9.950, 307.352

Harmonies

Complementary

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



39, 123.623, 310.607



89, 104.943, 125.980

Rectangle

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



39, 123.623, 310.607



39, 123.623, 0.607



39, 123.623, 130.607



39, 123.623, 180.607

Sweetspot

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



39, 123.624, 310.608



79, 41.166, 308.557



59, 61.668, 276.420



39, 28.404, 308.817



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



39, 123.624, 310.608



39, 126.632, 310.441



57, 113.886, 325.623



48, 7.713, 307.463



28, 100.764, 310.641



5, 43.170, 311.028

Inverse Universe

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



55, 84.411, 356.406



55, 85.736, 357.398



86, 117.146, 135.846



49, 6.531, 341.364



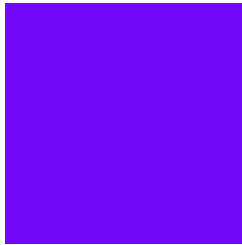
41, 68.546, 356.660



10, 31.721, 351.770

Previews

White Background



This preview shows how the CIE LCh color 39, 123.623, 310.607 looks on a white background.

Color Contrast Check

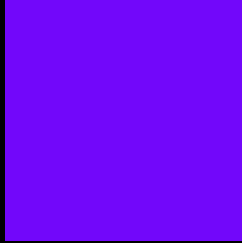
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 39, 123.623, 310.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

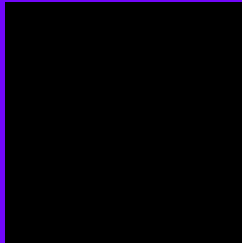
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 123.623, 310.607

Background



This preview shows how black text looks on a background with the CIELCh color 39, 123.623, 310.607.



This preview shows how white text looks on a background with the CIELCh color 39, 123.623, 310.607.

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

39, 123.502, 310.585

Protanopia

39, 60.618, 286.630

Deuteranopia

39, 41.740, 272.603



Tritanopia
39, 12.211, 221.961

Trichromacy



Original Color
39, 123.502, 310.585

Protanomaly
35, 92.063, 301.046

Deuteranomaly
34, 79.889, 299.043

Tritanomaly
34, 58.541, 304.104

Monochromacy



Original Color
39, 123.502, 310.585

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 57.067, 310.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 123.623, 310.607 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(114, 7, 250)` looks like.

```
.text, #text, p{  
    color:rgb(114, 7, 250)  
}
```

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(114, 7, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 7, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 123.623, 310.607 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(114, 7, 250) }
```

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

```
.border{ border-color:rgb(114, 7, 250) }
```

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

Here you see how a box with a 4 pixel rgb(114, 7, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 7, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 7, 250);  
box-shadow:4px 4px 4px 4px rgb(114, 7,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 123.623, 310.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 7, 250) }
```

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

```
.background{ background-color: rgb(114, 7,  
250) }
```

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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