

Converting Colors

CIELCh(39, 112.354, 307.294)

Have a look what the booklet for
CIELCh(39, 112.354, 307.294)
contains.

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Color

CIELCh(39, 112.145, 307.266)

Conversions

Conversions Part 1

Format	Color
Hex	5E2DF2
RGB	94, 45, 242
RGB Percent	37%, 18%, 95%
CMY	0.6315, 0.8237, 0.0511
CMYK	0.61, 0.81, 0.00, 0.05
HSL	255°, 88%, 56%
HSV	255°, 81%, 95%
XYZ	21.5685, 10.6589, 84.8914
YIQ	82.1090, -34.0330, 71.6550

Conversions

Conversions Part 2

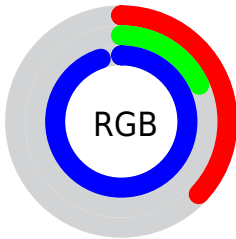
Format	Color
R_{YB}	94, 45, 242
Decimal	6172146
CIE _{Lab}	39.00, 67.91, -89.25
CIE _{LCh}	39, 112.145, 307.266
Yxy	10.6589, 0.1842, 0.0910
Android (android.graphics.Color)	4284362226 (0xFF5E2DF2)
YUV	82.1090, 78.8263, 10.4284
Hunter-Lab	32.6480, 60.7895, -131.3121

Details

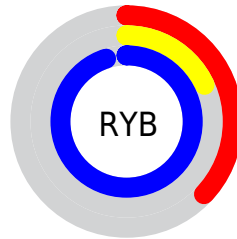
The CIELCh color **39, 112.145, 307.266** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **89, 89.772, 116.226**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 88.865, 309.104**, and **22, 104.725, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **35, 121.305, 307.647**, and if you desaturate by 10%, it is **44, 99.771, 306.454**.

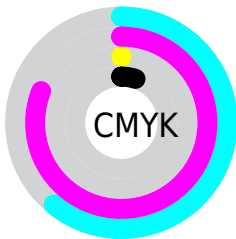
Distribution



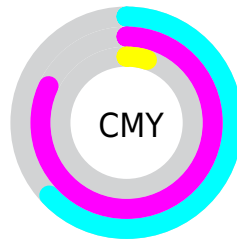
- Red (37%)
- Green (18%)
- Blue (95%)



- Red (37%)
- Yellow (18%)
- Blue (95%)



- Cyan (61%)
- Magenta (81%)
- Yellow (0%)
- Black (5%)





- Cyan (63%)
- Magenta (82%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 112.145, 307.266 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, 112.145, 307.266 by changing the saturation by 10% instead.


 39, 112.145,
307.266


 39, 112.145,
307.266

 100, 112.145,
307.266


 29, 112.145,
307.266


 59, 112.145,
307.266


 19, 112.145,
307.266


 69, 112.145,
307.266

 9, 112.145,
307.266

 79, 112.145,
307.266

 0, 112.145,
307.266

 89, 112.145,
307.266

 99, 112.145,
307.266

■ 39, 112.145,
307.266

■ 39, 112.145,
307.266

■ 35, 121.305,
307.647

■ 44, 99.771,
306.454

■ 33, 126.057,
307.591

■ 51, 85.696,
305.418

■ 58, 71.017,
304.318

■ 65, 56.355,
303.254

■ 72, 42.013,
302.272

■ 80, 28.121,
301.394

■ 87, 14.718,
300.620

■ 94, 1.806, 299.931

100, 6.601,
109.672

Harmonies

Complementary

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



39, 112.145, 307.266



89, 89.772, 116.226

Rectangle

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



39, 112.145, 307.266



39, 112.145, 357.266



39, 112.145, 127.266



39, 112.145, 177.266

Sweetspot

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



39, 112.146, 307.267



81, 33.039, 301.616



74, 40.442, 235.941



41, 22.847, 301.928



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, 112.146, 307.267



35, 130.207, 307.588



51, 106.080, 319.180



46, 7.242, 300.481



24, 102.293, 307.726



3, 38.574, 304.607

Inverse Universe

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



57, 88.463, 338.992



57, 95.193, 341.299



85, 102.751, 133.040



47, 7.237, 332.881



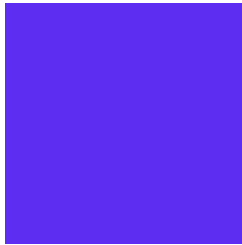
41, 74.652, 341.267



9, 33.405, 339.028

Previews

White Background



This preview shows how the CIELCh color 39, 112.145, 307.266 looks on a white background.

Color Contrast Check

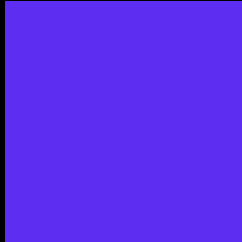
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.145, 307.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

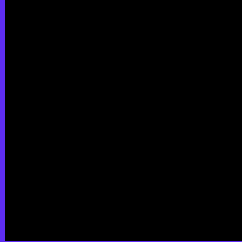
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 112.145, 307.266

Background



This preview shows how black text looks on a background with the CIELCh color 39, 112.145, 307.266.



This preview shows how white text looks on a background with the CIELCh color 39, 112.145, 307.266.

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, 112.145, 307.266

Protanopia

39, 59.561, 286.372

Deuteranopia

39, 41.224, 272.385



Tritanopia
39, 22.903, 209.351

Trichromacy



Original Color
39, 112.145, 307.266



Protanomaly
37, 81.441, 297.182



Deuteranomaly
36, 69.306, 294.019



Tritanomaly
36, 47.258, 287.456

Monochromacy



Original Color
39, 112.145, 307.266



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 44.688, 303.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 112.145, 307.266 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(94, 45, 242)` looks like.

```
.text, #text, p{  
    color:rgb(94, 45, 242)  
}
```

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(94, 45, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 45, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 112.145, 307.266 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(94, 45, 242) }
```

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

```
.border{ border-color:rgb(94, 45, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 45, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 45, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 45, 242);  
box-shadow:4px 4px 4px 4px rgb(94, 45,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 112.145, 307.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 45, 242) }
```

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

```
.background{ background-color: rgb(94, 45,  
242) }
```

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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