

Converting Colors

CIELCh(44, 112.227, 307.766)

Have a look what the booklet for
CIELCh(44, 112.227, 307.766)
contains.

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Color

CIELCh(44, 111.899, 307.848)

Conversions

Conversions Part 1

Format	Color
Hex	7339FF
RGB	115, 57, 255
RGB Percent	45%, 22%, 100%
CMY	0.5481, 0.7757, 0.0000
CMYK	0.55, 0.78, 0.00, 0.00
HSL	258°, 100%, 61%
HSV	258°, 78%, 100%
XYZ	26.6551, 13.8382, 96.0445
YIQ	96.9140, -28.9900, 73.8740

Conversions

Conversions Part 2

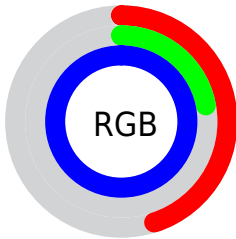
Format	Color
R _Y B	115, 57, 255
Decimal	7551487
CIE Lab	44.00, 68.66, -88.36
CIE LCh	44, 111.899, 307.848
Yxy	13.8382, 0.1952, 0.1014
Android (android.graphics.Color)	4285741567 (0xFF7339FF)
YUV	96.9140, 77.9364, 15.8614
Hunter-Lab	37.1997, 62.8029, -127.0387

Details

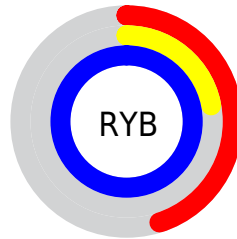
The CIELCh color **44, 111.899, 307.848** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **93, 91.866, 118.198**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 82.147, 311.136**, and **25, 108.802, 307.091** is the 20% darker color. If you saturate the color by 10%, you get **39, 122.496, 308.249**, and if you desaturate by 10%, it is **50, 98.362, 307.106**.

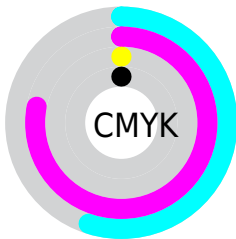
Distribution



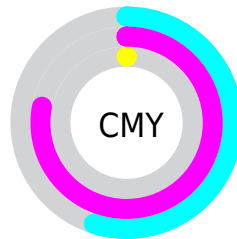
- Red (45%)
- Green (22%)
- Blue (100%)



- Red (45%)
- Yellow (22%)
- Blue (100%)



- Cyan (55%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)





- Cyan (55%)
- Magenta (78%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 111.899, 307.848 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 44, 111.899, 307.848 by changing the saturation by 10% instead.


 44, 111.899,
307.848


 44, 111.899,
307.848


 100, 111.899,
307.848


 34, 111.899,
307.848


 64, 111.899,
307.848


 24, 111.899,
307.848


 74, 111.899,
307.848


 14, 111.899,
307.848


 84, 111.899,
307.848

 4, 111.899,
307.848

 94, 111.899,
307.848

 0, 111.899,
307.848

 44, 111.899,

 44, 111.899,

307.848

307.848

■ 39, 122.496,
308.249

■ 50, 98.362,
307.106

■ 36, 129.091,
308.127

■ 57, 83.555,
306.188

■ 35, 130.303,
308.069

■ 64, 68.317,
305.228

■ 71, 53.169,
304.302

■ 79, 38.367,
303.448

■ 87, 24.022,
302.682

■ 94, 10.172,
302.004

100, 0.012,
296.813

Harmonies

Complementary

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



44, 111.899, 307.848



93, 91.866, 118.198

Rectangle

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



44, 111.899, 307.848



44, 111.899, 357.848



44, 111.899, 127.848



44, 111.899, 177.848

Sweetspot

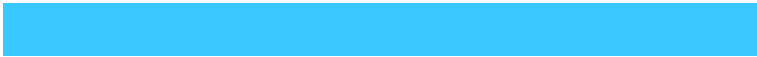
The Sweet Spot groups the original color and five complimentary colors.



44, 111.803, 307.853



82, 31.746, 303.087



75, 42.442, 243.740



41, 22.113, 303.371



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 111.803, 307.853



37, 126.620, 308.250



56, 107.176, 320.816



49, 7.661, 302.128



26, 104.739, 308.221



5, 44.741, 307.555

Inverse Universe

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



60, 87.737, 341.030



57, 92.268, 343.480



89, 105.246, 134.072



50, 7.375, 334.641



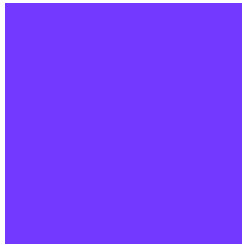
43, 74.629, 344.455



11, 35.154, 341.955

Previews

White Background



This preview shows how the CIELCh color 44, 111.899, 307.848 looks on a white background.

Color Contrast Check

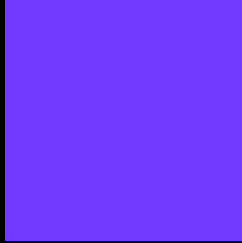
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 111.899, 307.848 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 44, 111.899, 307.848

Background



This preview shows how black text looks on a background with the CIELCh color 44, 111.899, 307.848.

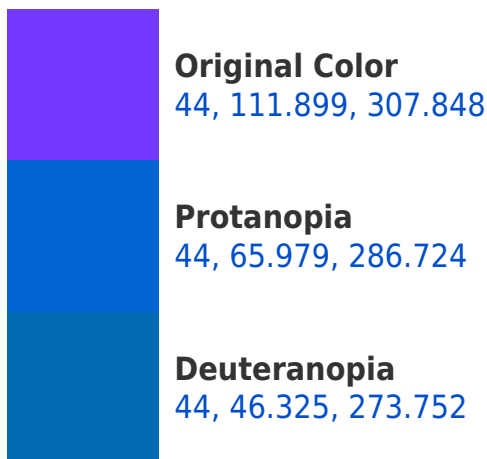


This preview shows how white text looks on a background with the CIELCh color 44, 111.899, 307.848.

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





Tritanopia
44, 15.415, 218.557

Trichromacy



Original Color
44, 111.899, 307.848



Protanomaly
42, 84.605, 296.330



Deuteranomaly
41, 71.527, 292.976



Tritanomaly
42, 46.468, 294.467

Monochromacy



Original Color
44, 111.899, 307.848



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 43.757, 305.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 111.899, 307.848 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(115, 57, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 57, 255)  
}
```

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(115, 57, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 57, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 111.899, 307.848 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(115, 57, 255) }
```

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

```
.border{ border-color:rgb(115, 57, 255) }
```

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

Here you see how a box with a 4 pixel rgb(115, 57, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 57, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 57, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 57,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 111.899, 307.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 57, 255) }
```

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

```
.background{ background-color: rgb(115, 57,  
255) }
```

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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