

Converting Colors

CIELCh(44, 114.010, 309.002)

Have a look what the booklet for
CIELCh(44, 114.010, 309.002)
contains.

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Color

CIELCh(44, 113.570, 308.983)

Conversions

Conversions Part 1

Format	Color
Hex	7A34FF
RGB	122, 52, 255
RGB Percent	48%, 20%, 100%
CMY	0.5211, 0.7957, 0.0000
CMYK	0.52, 0.80, 0.00, 0.00
HSL	261°, 100%, 60%
HSV	261°, 80%, 100%
XYZ	27.3421, 13.8382, 95.9268
YIQ	96.0720, -23.4430, 77.9730

Conversions

Conversions Part 2

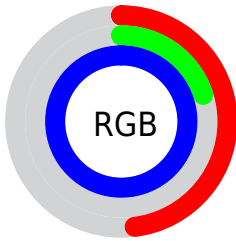
Format	Color
R _{YB}	122, 52, 255
Decimal	8008959
CIE _{Lab}	44.00, 71.45, -88.28
CIE _{LCh}	44, 113.570, 308.983
Yxy	13.8382, 0.1994, 0.1009
Android (android.graphics.Color)	4286199039 (0xFF7A34FF)
YUV	96.0720, 78.3515, 22.7389
Hunter-Lab	37.1997, 66.0995, -126.8510

Details

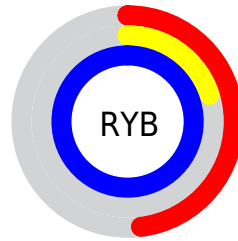
The CIELCh color $44, 113.570, 308.983$ is a dark color, and the websafe version is hex $6633FF$. The color can be described as middle washed purple. A complement of this color would be $93, 94.536, 120.530$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 83.984, 312.714$, and $26, 107.864, 307.687$ is the 20% darker color. If you saturate the color by 10%, you get $40, 123.149, 309.120$, and if you desaturate by 10%, it is $50, 100.869, 308.473$.

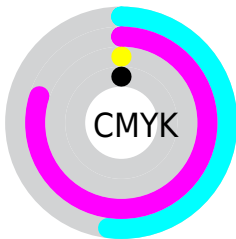
Distribution



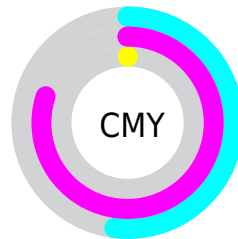
- Red (48%)
- Green (20%)
- Blue (100%)



- Red (48%)
- Yellow (20%)
- Blue (100%)



- Cyan (52%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (80%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 113.570, 308.983 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, 113.570, 308.983 by changing the saturation by 10% instead.


 44, 113.570,
308.983


 44, 113.570,
308.983


 100, 113.570,
308.983


 34, 113.570,
308.983


 64, 113.570,
308.983


 24, 113.570,
308.983


 74, 113.570,
308.983


 14, 113.570,
308.983


 84, 113.570,
308.983

 4, 113.570,
308.983

 94, 113.570,
308.983

 0, 113.570,
308.983

 44, 113.570,

 44, 113.570,

308.983

308.983

■ 40, 123.149,
309.120

■ 50, 100.869,
308.473

■ 37, 128.908,
308.783

■ 56, 86.530,
307.745

■ 37, 129.121,
308.768

■ 63, 71.499,
306.933

■ 70, 56.381,
306.119

■ 78, 41.501,
305.349

■ 85, 27.015,
304.644

■ 93, 12.987,
304.012

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, 113.570, 308.983



93, 94.536, 120.530

Rectangle

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



44, 113.570, 308.983



44, 113.570, 358.983



44, 113.570, 128.983



44, 113.570, 178.983

Sweetspot

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



44, 113.521, 308.987



82, 33.382, 304.948



72, 45.331, 253.135



41, 23.068, 305.202



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, 113.521, 308.987



38, 126.669, 308.976



57, 108.540, 322.409



49, 7.717, 304.008



27, 103.781, 308.937



5, 44.829, 308.796

Inverse Universe

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



59, 85.983, 344.447



57, 89.508, 347.647



89, 108.127, 134.936



50, 7.108, 336.819



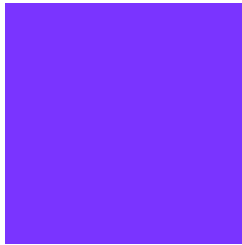
42, 72.331, 348.409



11, 34.111, 345.206

Previews

White Background



This preview shows how the CIELCh color 44, 113.570, 308.983 looks on a white background.

Color Contrast Check

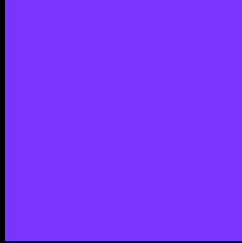
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 113.570, 308.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

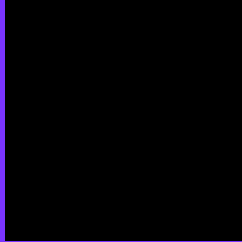
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 113.570, 308.983

Background



This preview shows how black text looks on a background with the CIELCh color 44, 113.570, 308.983.



This preview shows how white text looks on a background with the CIELCh color 44, 113.570, 308.983.

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

44, 113.570, 308.983

Protanopia

44, 65.979, 286.724

Deuteranopia

44, 46.325, 273.752



Tritanopia
44, 11.734, 225.919

Trichromacy



Original Color
44, 113.570, 308.983

Protanomaly
42, 85.208, 296.719

Deuteranomaly
41, 72.787, 293.828

Tritanomaly
42, 47.815, 299.166

Monochromacy



Original Color
44, 113.570, 308.983

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 45.819, 306.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 113.570, 308.983 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(122, 52, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 52, 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(122, 52, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 52, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 113.570, 308.983 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(122, 52, 255) }
```

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

```
.border{ border-color:rgb(122, 52, 255) }
```

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

Here you see how a box with a 4 pixel rgb(122, 52, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 52, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 52, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 52,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 113.570, 308.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 52, 255) }
```

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

```
.background{ background-color: rgb(122, 52,  
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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