

Converting Colors

CIELCh(44, 99.564, 308.895)

Have a look what the booklet for
CIELCh(44, 99.564, 308.895)
contains.

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Color

CIELCh(44, 99.402, 308.853)

Conversions

Conversions Part 1

Format	Color
Hex	7C3FEC
RGB	124, 63, 236
RGB Percent	49%, 25%, 93%
CMY	0.5147, 0.7538, 0.0755
CMYK	0.48, 0.73, 0.00, 0.08
HSL	261°, 82%, 59%
HSV	261°, 73%, 92%
XYZ	25.1451, 13.8382, 80.5167
YIQ	100.9610, -19.1770, 66.7350

Conversions

Conversions Part 2

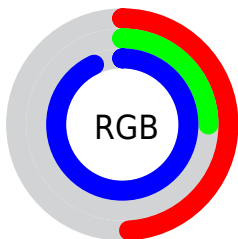
Format	Color
R_{YB}	124, 63, 236
Decimal	8142828
CIE _{Lab}	44.00, 62.36, -77.41
CIE _{LCh}	44, 99.402, 308.853
Yxy	13.8382, 0.2104, 0.1158
Android (android.graphics.Color)	4286332908 (0xFF7C3FEC)
YUV	100.9610, 66.5742, 20.2052
Hunter-Lab	37.1997, 55.5575, -102.2900

Details

The CIELCh color **44, 99.402, 308.853** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **87, 84.383, 120.679**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 79.385, 311.754**, and **24, 99.022, 308.754** is the 20% darker color. If you saturate the color by 10%, you get **39, 110.387, 309.230**, and if you desaturate by 10%, it is **50, 86.420, 308.209**.

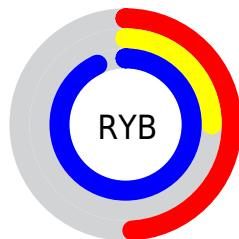
Distribution



Red (49%)

Green (25%)

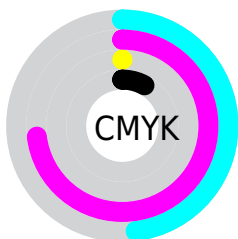
Blue (93%)



Red (49%)

Yellow (25%)

Blue (93%)

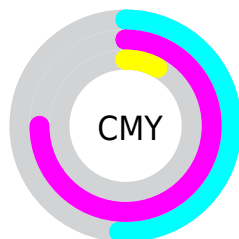


Cyan (48%)

Magenta (73%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (75%)

Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 99.402, 308.853 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, 99.402, 308.853 by changing the saturation by 10% instead.


 44, 99.402,
308.853


 44, 99.402,
308.853


 100, 99.402,
308.853

 34, 99.402,
308.853

 64, 99.402,
308.853


 24, 99.402,
308.853

 74, 99.402,
308.853

 14, 99.402,
308.853

 84, 99.402,
308.853

 4, 99.402, 308.853

 94, 99.402,
308.853

 0, 99.402, 308.853

 44, 99.402,

 44, 99.402,

308.853

308.853

■ 39, 110.387,
309.230

■ 50, 86.420,
308.209

■ 35, 118.122,
309.173

■ 56, 72.494,
307.439

■ 34, 121.446,
308.921

■ 63, 58.306,
306.640

■ 70, 44.241,
305.868

■ 77, 30.497,
305.152

■ 84, 17.159,
304.505

■ 91, 4.261, 303.918

■ 98, 8.197, 123.442

100, 9.741,
109.440

Harmonies

Complementary

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



44, 99.402, 308.853



87, 84.383, 120.679

Rectangle

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



44, 99.402, 308.853



44, 99.402, 358.853



44, 99.402, 128.853



44, 99.402, 178.853

Sweetspot

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



44, 99.402, 308.854



83, 30.527, 305.065



68, 41.105, 253.099



42, 20.603, 305.251



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, 99.402, 308.854



40, 121.752, 309.265



55, 97.171, 322.968



45, 7.213, 304.270



25, 99.449, 309.088



4, 36.912, 306.781

Inverse Universe

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



56, 77.360, 343.817



57, 88.372, 346.584



83, 96.783, 135.477



46, 6.603, 337.137



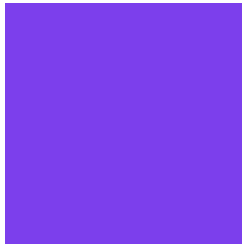
40, 69.209, 348.893



8, 30.556, 344.924

Previews

White Background



This preview shows how the CIELCh color 44, 99.402, 308.853 looks on a white background.

Color Contrast Check

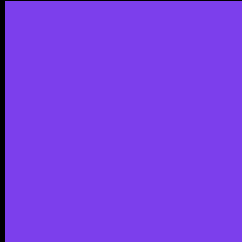
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.402, 308.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

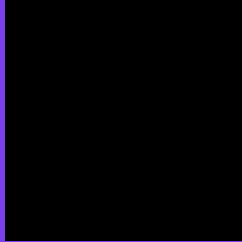
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 99.402, 308.853

Background



This preview shows how black text looks on a background with the CIELCh color 44, 99.402, 308.853.



This preview shows how white text looks on a background with the CIELCh color 44, 99.402, 308.853.

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

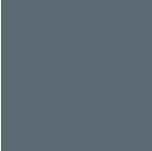
44, 99.402, 308.853

Protanopia

44, 66.530, 286.941

Deuteranopia

44, 46.830, 273.925



Tritanopia
44, 7.389, 239.553

Trichromacy



Original Color
44, 99.402, 308.853

Protanomaly
42, 79.994, 295.400

Deuteranomaly
42, 66.739, 291.434

Tritanomaly
42, 41.326, 301.537

Monochromacy



Original Color
44, 99.402, 308.853

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 38.930, 306.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 99.402, 308.853 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(124, 63, 236)` looks like.

```
.text, #text, p{  
    color:rgb(124, 63, 236)  
}
```

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(124, 63, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 63, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 99.402, 308.853 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(124, 63, 236) }
```

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

```
.border{ border-color:rgb(124, 63, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 63, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 63, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 63, 236);  
box-shadow:4px 4px 4px 4px rgb(124, 63,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 99.402, 308.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 63, 236) }
```

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

```
.background{ background-color: rgb(124, 63,  
236) }
```

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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