

Converting Colors

CIELCh(43, 98.114, 308.477)

Have a look what the booklet for
CIELCh(43, 98.114, 308.477)
contains.

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Color

CIELCh(43, 98.141, 308.454)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 773EE8 |
| RGB | 119, 62, 232 |
| RGB Percent | 47%, 24%, 91% |
| CMY | 0.5339, 0.7574, 0.0908 |
| CMYK | 0.49, 0.73, 0.00, 0.09 |
| HSL | 260°, 79%, 58% |
| HSV | 260°, 73%, 91% |
| XYZ | 23.8439, 13.1578, 77.5108 |
| YIQ | 98.4230, -20.5980, 64.9540 |

Conversions

Conversions Part 2

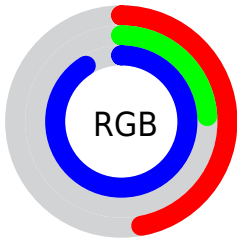
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 119, 62, 232 |
| Decimal | 7814888 |
| CIE Lab | 43.00, 61.03, -76.85 |
| CIE LCh | 43, 98.141, 308.454 |
| Yxy | 13.1578, 0.2082, 0.1149 |
| Android (android.graphics.Color) | 4286004968 (0xFF773EE8) |
| YUV | 98.4230, 65.8535, 18.0460 |
| Hunter-Lab | 36.2736, 53.8554, -101.3014 |

Details

The CIELCh color **43, 98.141, 308.454** 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 **86, 82.865, 119.949**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 79.841, 310.819**, and **23, 97.821, 308.400** is the 20% darker color. If you saturate the color by 10%, you get **38, 109.130, 308.891**, and if you desaturate by 10%, it is **49, 85.217, 307.755**.

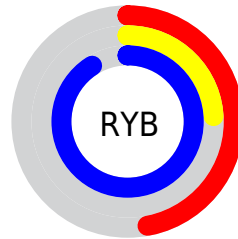
Distribution



Red (47%)

Green (24%)

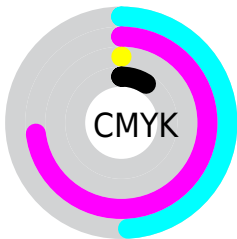
Blue (91%)



Red (47%)

Yellow (24%)

Blue (91%)

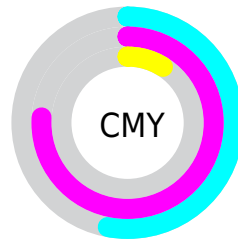


Cyan (49%)

Magenta (73%)

Yellow (0%)

Black (9%)



Cyan (53%)


Magenta (76%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 98.141, 308.454 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 43, 98.141, 308.454 by changing the saturation by 10% instead.

 43, 98.141,
308.454


 43, 98.141,
308.454


 100, 98.141,
308.454


 33, 98.141,
308.454

 63, 98.141,
308.454


 23, 98.141,
308.454

 73, 98.141,
308.454

 13, 98.141,
308.454

 83, 98.141,
308.454

 3, 98.141, 308.454

 93, 98.141,
308.454

 0, 98.141, 308.454

 43, 98.141,

 43, 98.141,

308.454

308.454

■ 38, 109.130,
308.891

■ 49, 85.217,
307.755

■ 34, 116.909,
308.891

■ 55, 71.405,
306.936

■ 33, 120.294,
308.674

■ 62, 57.375,
306.096


■ 69, 43.494,
305.292

■ 76, 29.949,
304.551

■ 83, 16.817,
303.883

■ 90, 4.126, 303.282

■ 97, 8.127, 122.791

 99, 11.720,
109.291

Harmonies

Complementary

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



43, 98.141, 308.454



86, 82.865, 119.949

Rectangle

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



43, 98.141, 308.454



43, 98.141, 358.454



43, 98.141, 128.454



43, 98.141, 178.454

Sweetspot

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



43, 98.141, 308.455



83, 30.460, 304.466



68, 39.809, 250.397



42, 20.560, 304.659



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 98.141, 308.455



40, 122.084, 308.955



54, 95.833, 322.432



44, 7.066, 303.645



24, 98.713, 308.838



3, 34.649, 305.331

Inverse Universe

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



56, 77.099, 342.778



58, 89.253, 345.382



82, 95.086, 135.178



45, 6.564, 336.382



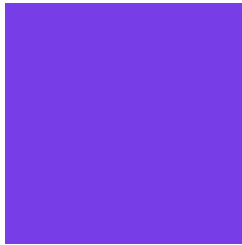
39, 69.166, 347.500



7, 29.897, 343.655

Previews

White Background



This preview shows how the CIELCh color 43, 98.141, 308.454 looks on a white background.

Color Contrast Check

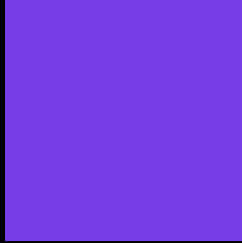
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 98.141, 308.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

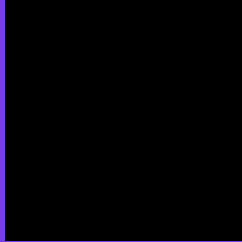
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 98.141, 308.454

Background



This preview shows how black text looks on a background with the CIELCh color 43, 98.141, 308.454.



This preview shows how white text looks on a background with the CIELCh color 43, 98.141, 308.454.

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

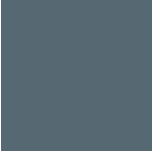
43, 98.141, 308.454

Protanopia

43, 65.013, 286.709

Deuteranopia

43, 46.344, 274.318



Tritanopia
43, 8.591, 238.085

Trichromacy



Original Color
43, 98.141, 308.454

Protanomaly
41, 77.904, 295.007

Deuteranomaly
41, 65.799, 291.361

Tritanomaly
41, 40.734, 299.813

Monochromacy



Original Color
43, 98.141, 308.454

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 38.428, 306.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 98.141, 308.454 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(119, 62, 232)` looks like.

```
.text, #text, p{  
    color:rgb(119, 62, 232)  
}
```

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(119, 62, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 62, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 98.141, 308.454 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(119, 62, 232) }
```

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

```
.border{ border-color:rgb(119, 62, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 62, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 62, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 62, 232); box-shadow:4px 4px 4px 4px rgb(119, 62, 232) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 98.141, 308.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 62, 232) }
```

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

```
.background{ background-color: rgb(119, 62,  
232) }
```

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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