

Converting Colors

CIELCh(43, 112.994, 308.087)

Have a look what the booklet for
CIELCh(43, 112.994, 308.087)
contains.

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Color

CIELCh(43, 112.796, 308.063)

Conversions

Conversions Part 1

Format	Color
Hex	7135FD
RGB	113, 53, 253
RGB Percent	44%, 21%, 99%
CMY	0.5567, 0.7920, 0.0077
CMYK	0.55, 0.79, 0.00, 0.01
HSL	258°, 98%, 60%
HSV	258°, 79%, 99%
XYZ	25.8267, 13.1578, 94.1402
YIQ	93.7400, -28.4400, 74.9200

Conversions

Conversions Part 2

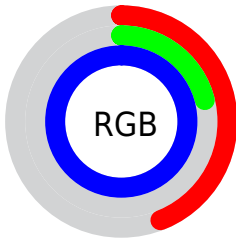
Format	Color
R _Y B	113, 53, 253
Decimal	7419389
CIE Lab	43.00, 69.54, -88.81
CIE LCh	43, 112.796, 308.063
Yxy	13.1578, 0.1940, 0.0988
Android (android.graphics.Color)	4285609469 (0xFF7135FD)
YUV	93.7400, 78.5152, 16.8910
Hunter-Lab	36.2736, 63.6125, -128.4826

Details

The CIELCh color **43, 112.796, 308.063** 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, 92.515, 118.535**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 83.838, 311.114**, and **24, 108.190, 306.960** is the 20% darker color. If you saturate the color by 10%, you get **38, 122.866, 308.370**, and if you desaturate by 10%, it is **49, 99.783, 307.379**.

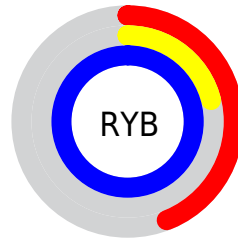
Distribution



Red (44%)

Green (21%)

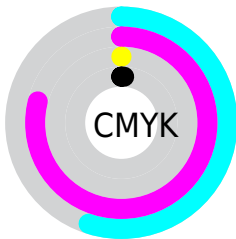
Blue (99%)



Red (44%)

Yellow (21%)

Blue (99%)

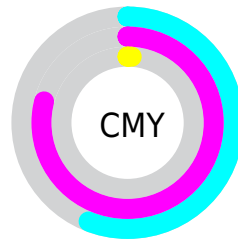


Cyan (55%)

Magenta (79%)

Yellow (0%)

Black (1%)



Cyan (56%)


Magenta (79%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 112.796, 308.063 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, 112.796, 308.063 by changing the saturation by 10% instead.


 43, 112.796,
308.063


 43, 112.796,
308.063


 100, 112.796,
308.063


 33, 112.796,
308.063


 63, 112.796,
308.063


 23, 112.796,
308.063


 73, 112.796,
308.063


 13, 112.796,
308.063


 83, 112.796,
308.063

 3, 112.796,
308.063

 93, 112.796,
308.063

 0, 112.796,
308.063

 43, 112.796,

 43, 112.796,

308.063

308.063

■ 38, 122.866,
308.370

■ 49, 99.783,
307.379

■ 36, 128.913,
308.177

■ 55, 85.231,
306.499

■ 35, 129.393,
308.155

■ 62, 70.131,
305.560

■ 70, 55.052,
304.643

■ 77, 40.283,
303.791

■ 85, 25.953,
303.023

■ 92, 12.107,
302.341

100, 0.988,
115.323

100, 0.983,
110.026

Harmonies

Complementary

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



43, 112.796, 308.063



93, 92.515, 118.535

Rectangle

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



43, 112.796, 308.063



43, 112.796, 358.063



43, 112.796, 128.063



43, 112.796, 178.063

Sweetspot

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



43, 112.797, 308.064



82, 33.208, 303.394



74, 43.263, 247.238



41, 22.956, 303.673



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, 112.797, 308.064



37, 127.658, 308.299



56, 107.629, 321.333



49, 7.668, 302.371



26, 104.621, 308.305



5, 44.754, 307.710

Inverse Universe

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



59, 87.575, 341.616



57, 91.968, 344.323



88, 106.256, 134.364



50, 7.340, 334.912



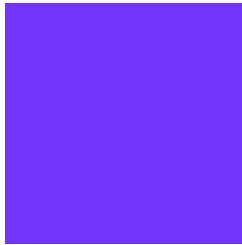
43, 74.312, 344.943



11, 35.013, 342.357

Previews

White Background



This preview shows how the CIELCh color 43, 112.796, 308.063 looks on a white background.

Color Contrast Check

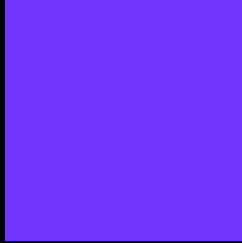
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.796, 308.063 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, 112.796, 308.063

Background



This preview shows how black text looks on a background with the CIELCh color 43, 112.796, 308.063.



This preview shows how white text looks on a background with the CIELCh color 43, 112.796, 308.063.

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, 112.796, 308.063

Protanopia

43, 64.459, 286.484

Deuteranopia

43, 45.312, 273.392



Tritanopia
43, 15.584, 215.964

Trichromacy



Original Color
43, 112.796, 308.063

Protanomaly
41, 83.710, 296.423

Deuteranomaly
40, 71.798, 293.513

Tritanomaly
40, 47.288, 294.744

Monochromacy



Original Color
43, 112.796, 308.063

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 45.221, 305.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 112.796, 308.063 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(113, 53, 253)` looks like.

```
.text, #text, p{  
    color:rgb(113, 53, 253)  
}
```

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(113, 53, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 53, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 112.796, 308.063 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(113, 53, 253) }
```

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

```
.border{ border-color:rgb(113, 53, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 53, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 53, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 53, 253);  
box-shadow:4px 4px 4px 4px rgb(113, 53,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 112.796, 308.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 53, 253) }
```

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

```
.background{ background-color: rgb(113, 53,  
253) }
```

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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