

Converting Colors

CIELCh(41, 114.061, 308.703)

Have a look what the booklet for
CIELCh(41, 114.061, 308.703)
contains.

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Color

CIELCh(41, 114.232, 308.646)

Conversions

Conversions Part 1

Format	Color
Hex	6E2CF8
RGB	110, 44, 248
RGB Percent	43%, 17%, 97%
CMY	0.5692, 0.8280, 0.0280
CMYK	0.56, 0.82, 0.00, 0.03
HSL	259°, 93%, 57%
HSV	259°, 82%, 97%
XYZ	24.2283, 11.8645, 89.7072
YIQ	86.9900, -26.1480, 77.4360

Conversions

Conversions Part 2

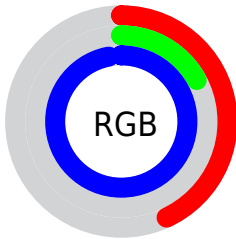
Format	Color
R _Y B	110, 44, 248
Decimal	7220472
CIE Lab	41.00, 71.34, -89.22
CIE LCh	41, 114.232, 308.646
Yxy	11.8645, 0.1926, 0.0943
Android (android.graphics.Color)	4285410552 (0xFF6E2CF8)
YUV	86.9900, 79.3779, 20.1798
Hunter-Lab	34.4449, 65.2768, -130.3013

Details

The CIELCh color **41, 114.232, 308.646** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **90, 93.726, 119.705**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 88.317, 311.497**, and **23, 106.382, 306.797** is the 20% darker color. If you saturate the color by 10%, you get **37, 122.786, 308.718**, and if you desaturate by 10%, it is **46, 102.356, 308.145**.

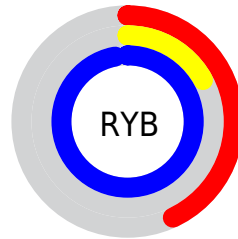
Distribution



Red (43%)

Green (17%)

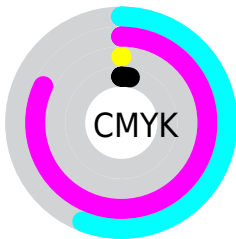
Blue (97%)



Red (43%)

Yellow (17%)

Blue (97%)

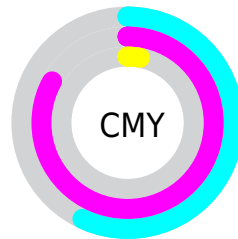


Cyan (56%)

Magenta (82%)

Yellow (0%)

Black (3%)



Cyan (57%)


Magenta (83%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 114.232, 308.646 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 41, 114.232, 308.646 by changing the saturation by 10% instead.


 41, 114.232,
308.646


 41, 114.232,
308.646


 100, 114.232,
308.646


 31, 114.232,
308.646


 61, 114.232,
308.646


 21, 114.232,
308.646


 71, 114.232,
308.646


 11, 114.232,
308.646


 81, 114.232,
308.646

 1, 114.232,
308.646

 91, 114.232,
308.646

 0, 114.232,
308.646

 41, 114.232,

 41, 114.232,

308.646

308.646

■ 37, 122.786,
308.718

■ 46, 102.356,
308.145

■ 35, 126.849,
308.474

■ 52, 88.537,
307.390

■ 59, 73.872,
306.530

■ 66, 59.040,
305.660

■ 74, 44.408,
304.834

■ 81, 30.153,
304.078

■ 88, 16.350,
303.400

■ 96, 3.020, 302.786

100, 3.609,
109.887

Harmonies

Complementary

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



41, 114.232, 308.646



90, 93.726, 119.705

Rectangle

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



41, 114.232, 308.646



41, 114.232, 358.646



41, 114.232, 128.646



41, 114.232, 178.646

Sweetspot

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



41, 114.233, 308.647



81, 34.742, 304.277



70, 44.377, 251.481



40, 23.844, 304.542



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 114.233, 308.647



36, 129.134, 308.490



54, 108.112, 321.826



48, 7.566, 303.224



26, 103.144, 308.631



4, 42.898, 307.833

Inverse Universe

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



57, 86.303, 343.536



56, 90.633, 346.923



86, 107.420, 134.612



49, 7.099, 335.887



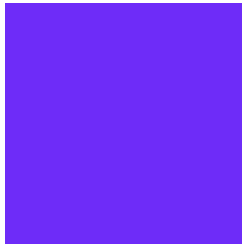
42, 72.527, 346.691



10, 33.670, 343.661

Previews

White Background



This preview shows how the CIELCh color 41, 114.232, 308.646 looks on a white background.

Color Contrast Check

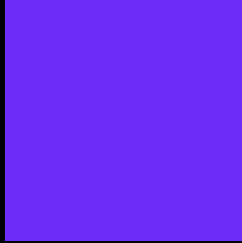
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 114.232, 308.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

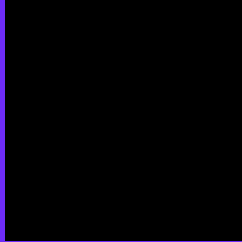
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 114.232, 308.646

Background



This preview shows how black text looks on a background with the CIELCh color 41, 114.232, 308.646.



This preview shows how white text looks on a background with the CIELCh color 41, 114.232, 308.646.

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

41, 114.232, 308.646

Protanopia

41, 62.022, 286.431

Deuteranopia

41, 43.278, 272.917



Tritanopia
41, 15.310, 216.449

Trichromacy



Original Color
41, 114.232, 308.646

Protanomaly
38, 83.813, 297.478

Deuteranomaly
38, 71.213, 294.421

Tritanomaly
38, 48.997, 296.599

Monochromacy



Original Color
41, 114.232, 308.646

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 46.437, 306.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 114.232, 308.646 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(110, 44, 248)` looks like.

```
.text, #text, p{  
    color:rgb(110, 44, 248)  
}
```

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(110, 44, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 44, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 114.232, 308.646 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(110, 44, 248) }
```

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

```
.border{ border-color:rgb(110, 44, 248) }
```

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

Here you see how a box with a 4 pixel rgb(110, 44, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 44, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 44, 248);  
box-shadow:4px 4px 4px 4px rgb(110, 44,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 114.232, 308.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 44, 248) }
```

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

```
.background{ background-color: rgb(110, 44,  
248) }
```

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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