

Converting Colors

CIELCh(44, 109.083, 306.467)

Have a look what the booklet for
CIELCh(44, 109.083, 306.467)
contains.

CIELCh(44, 109.082, 306.470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	27

Color

CIELCh(44, 109.082, 306.470)

Conversions

Conversions Part 1

Format	Color
Hex	6B3FFE
RGB	107, 63, 254
RGB Percent	42%, 25%, 100%
CMY	0.5803, 0.7529, 0.0039
CMYK	0.58, 0.75, 0.00, 0.00
HSL	254°, 99%, 62%
HSV	254°, 75%, 100%
XYZ	25.7328, 13.8382, 95.0866
YIQ	97.9300, -35.0870, 68.7290

Conversions

Conversions Part 2

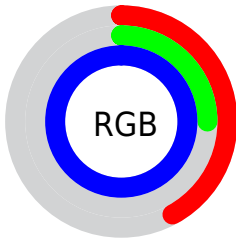
Format	Color
R_{YB}	107, 63, 254
Decimal	7028734
CIE _{Lab}	44.00, 64.84, -87.72
CIE _{LCh}	44, 109.082, 306.470
Yxy	13.8382, 0.1911, 0.1028
Android (android.graphics.Color)	4285218814 (0xFF6B3FFE)
YUV	97.9300, 76.9425, 7.9544
Hunter-Lab	37.1997, 58.3773, -125.5119

Details

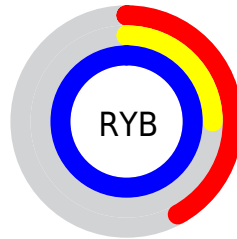
The CIELCh color $44, 109.082, 306.470$ is a dark color, and the websafe version is hex $6633FF$. The color can be described as middle washed purple. A complement of this color would be $94, 88.552, 115.251$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 79.087, 308.996$, and $24, 109.120, 306.470$ is the 20% darker color. If you saturate the color by 10%, you get $39, 120.927, 307.212$, and if you desaturate by 10%, it is $50, 94.870, 305.423$.

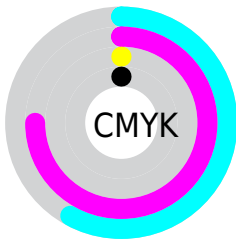
Distribution



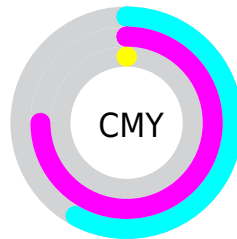
- Red (42%)
- Green (25%)
- Blue (100%)



- Red (42%)
- Yellow (25%)
- Blue (100%)



- Cyan (58%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (75%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 109.082, 306.470 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, 109.082, 306.470 by changing the saturation by 10% instead.


 44, 109.082,
306.470


 44, 109.082,
306.470


 100, 109.082,
306.470


 34, 109.082,
306.470


 64, 109.082,
306.470


 24, 109.082,
306.470


 74, 109.082,
306.470


 14, 109.082,
306.470


 84, 109.082,
306.470

 4, 109.082,
306.470

 94, 109.082,
306.470

 0, 109.082,
306.470

 44, 109.082,

 44, 109.082,

306.470

306.470

■ 39, 120.927,
307.212

■ 50, 94.870,
305.423

■ 35, 128.743,
307.431

■ 57, 79.671,
304.263

■ 34, 131.155,
307.393

■ 65, 64.319,
303.116

■ 72, 49.233,
302.048

■ 80, 34.598,
301.087

■ 88, 20.476,
300.240

■ 96, 6.877, 299.501

100, 0.492,
109.984

Harmonies

Complementary

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



44, 109.082, 306.470



94, 88.552, 115.251

Rectangle

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



44, 109.082, 306.470



44, 109.082, 356.470



44, 109.082, 126.470



44, 109.082, 176.470

Sweetspot

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



44, 109.083, 306.471



82, 31.552, 300.892



79, 40.379, 230.943



41, 21.987, 301.217



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, 109.083, 306.471



37, 125.658, 307.394



55, 105.007, 318.756



49, 7.605, 299.807



25, 105.760, 307.517



4, 44.619, 306.163

Inverse Universe

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



61, 89.730, 337.376



58, 95.874, 339.027



89, 101.030, 132.662



50, 7.714, 332.198



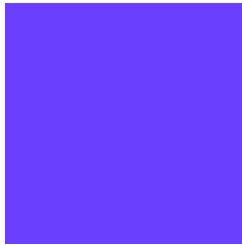
43, 77.924, 340.103



11, 36.582, 338.352

Previews

White Background



This preview shows how the CIELCh color 44, 109.082, 306.470 looks on a white background.

Color Contrast Check

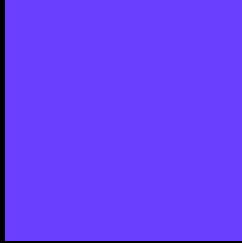
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109.082, 306.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

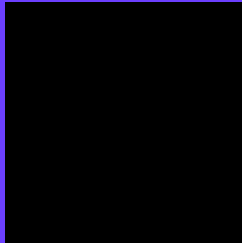
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 109.082, 306.470

Background



This preview shows how black text looks on a background with the CIELCh color 44, 109.082, 306.470.



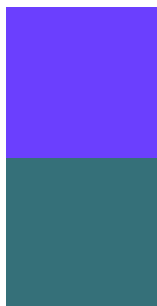
This preview shows how white text looks on a background with the CIELCh color 44, 109.082, 306.470.

306.470.

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, 109.082, 306.470

Tritanopia

44, 19.656, 213.507

Trichromacy



Original Color

44, 109.082, 306.470



Tritanomaly

42, 45.350, 289.227

Monochromacy



Original Color

44, 109.082, 306.470



Achromatopsia

42, 0.006, 296.813



Achromatomaly

41, 42.899, 302.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 109.082, 306.470 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(107, 63, 254)` looks like.

```
.text, #text, p{  
    color:rgb(107, 63, 254)  
}
```

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(107, 63, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 63, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 109.082, 306.470 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(107, 63, 254) }
```

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

```
.border{ border-color:rgb(107, 63, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 63, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 63, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 63, 254);  
box-shadow:4px 4px 4px 4px rgb(107, 63,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 109.082, 306.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 63, 254) }
```

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

```
.background{ background-color: rgb(107, 63,  
254) }
```

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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