

Converting Colors

CIELCh(46, 107.072, 307.138)

Have a look what the booklet for
CIELCh(46, 107.072, 307.138)
contains.

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Color

CIELCh(46, 106.532, 307.136)

Conversions

Conversions Part 1

Format	Color
Hex	7744FF
RGB	119, 68, 255
RGB Percent	47%, 27%, 100%
CMY	0.5334, 0.7334, 0.0001
CMYK	0.53, 0.73, 0.00, 0.00
HSL	256°, 100%, 63%
HSV	256°, 73%, 100%
XYZ	27.7139, 15.2687, 96.0686
YIQ	104.5670, -29.6310, 68.9690

Conversions

Conversions Part 2

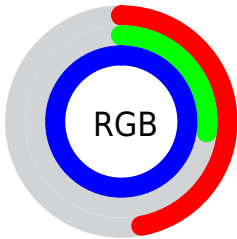
Format	Color
R _Y B	119, 68, 255
Decimal	7816447
CIE Lab	46.00, 64.31, -84.93
CIE LCh	46, 106.532, 307.136
Yxy	15.2687, 0.1993, 0.1098
Android (android.graphics.Color)	4286006527 (0xFF7744FF)
YUV	104.5670, 74.1635, 12.6577
Hunter-Lab	39.0751, 58.2191, -118.4154

Details

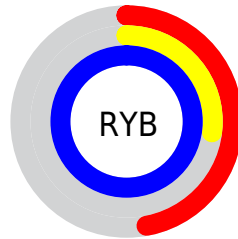
The CIELCh color **46, 106.532, 307.136** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **94, 88.096, 117.203**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 76.351, 310.417**, and **26, 106.726, 307.134** is the 20% darker color. If you saturate the color by 10%, you get **41, 118.715, 307.783**, and if you desaturate by 10%, it is **52, 92.246, 306.222**.

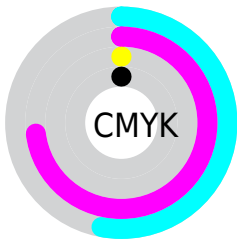
Distribution



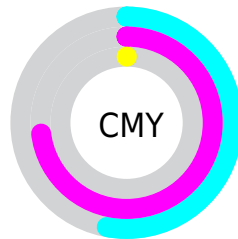
- Red (47%)
- Green (27%)
- Blue (100%)



- Red (47%)
- Yellow (27%)
- Blue (100%)



- Cyan (53%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)





- Cyan (53%)
- Magenta (73%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 106.532, 307.136 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 46, 106.532, 307.136 by changing the saturation by 10% instead.


 46, 106.532,
307.136


 46, 106.532,
307.136


 100, 106.532,
307.136


 36, 106.532,
307.136


 66, 106.532,
307.136


 26, 106.532,
307.136


 76, 106.532,
307.136

 16, 106.532,
307.136


 86, 106.532,
307.136

 6, 106.532,
307.136

 96, 106.532,
307.136

 0, 106.532,
307.136

 46, 106.532,

 46, 106.532,

307.136

307.136

■ 41, 118.715,
307.783

■ 52, 92.246,
306.222

■ 37, 127.239,
307.960

■ 59, 77.089,
305.205

■ 35, 130.726,
307.826

■ 67, 61.802,
304.195

■ 74, 46.769,
303.250

■ 82, 32.164,
302.394

■ 90, 18.053,
301.635

■ 97, 4.447, 300.964

100, 0.004, 89.482

Harmonies

Complementary

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



46, 106.532, 307.136



94, 88.096, 117.203

Rectangle

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



46, 106.532, 307.136



46, 106.532, 357.136



46, 106.532, 127.136



46, 106.532, 177.136

Sweetspot

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



46, 106.532, 307.137



83, 30.245, 302.287



77, 40.683, 239.271



42, 20.422, 302.506



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 106.532, 307.137



39, 123.242, 307.935



57, 103.392, 320.318



49, 7.641, 301.369



25, 105.094, 307.969



4, 44.702, 307.082

Inverse Universe

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



61, 86.388, 339.356



58, 92.794, 341.301



90, 100.896, 133.822



50, 7.485, 333.814



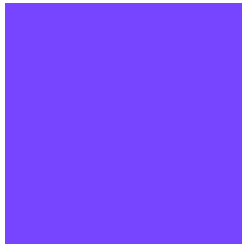
43, 75.657, 342.968



11, 35.606, 340.728

Previews

White Background



This preview shows how the CIELCh color 46, 106.532, 307.136 looks on a white background.

Color Contrast Check

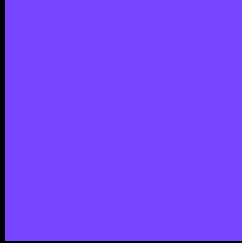
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 106.532, 307.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

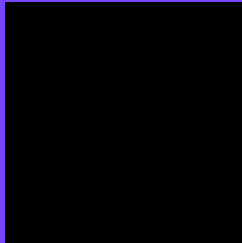
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 106.532, 307.136

Background



This preview shows how black text looks on a background with the CIELCh color 46, 106.532, 307.136.

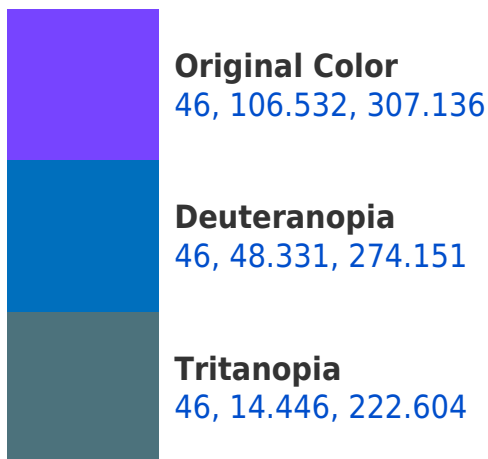


This preview shows how white text looks on a background with the CIELCh color 46, 106.532, 307.136.

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



Trichromacy



Original Color
46, 106.532, 307.136

Deuteranomaly
44, 70.379, 291.459

Tritanomaly
44, 44.848, 294.288

Monochromacy



Original Color
46, 106.532, 307.136

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 41.335, 303.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 106.532, 307.136 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, 68, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 68, 255)  
}
```

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, 68, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 68, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 106.532, 307.136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

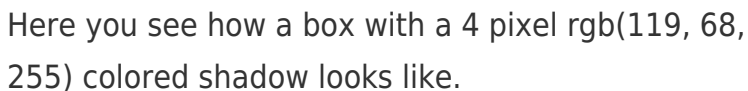
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 68, 255) }
```

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

```
.border{ border-color:rgb(119, 68, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 68, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 68, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 68, 255); box-shadow:4px 4px 4px 4px rgb(119, 68, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 106.532, 307.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 68, 255) }
```

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

```
.background{ background-color: rgb(119, 68,  
255) }
```

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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