

Converting Colors

CIELCh(44, 105.150, 302.584)

Have a look what the booklet for
CIELCh(44, 105.150, 302.584)
contains.

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Color

CIELCh(44, 105.016, 302.583)

Conversions

Conversions Part 1

Format	Color
Hex	4F4AFF
RGB	79, 74, 255
RGB Percent	31%, 29%, 100%
CMY	0.6888, 0.7090, 0.0000
CMYK	0.69, 0.71, 0.00, 0.00
HSL	242°, 100%, 65%
HSV	242°, 71%, 100%
XYZ	23.8056, 13.8382, 96.2365
YIQ	96.1290, -55.1210, 57.3510

Conversions

Conversions Part 2

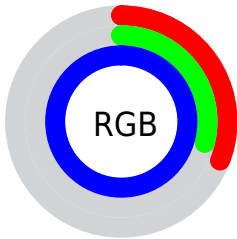
Format	Color
R _Y B	79, 74, 255
Decimal	5196543
CIE Lab	44.00, 56.55, -88.49
CIE LCh	44, 105.016, 302.583
Yxy	13.8382, 0.1778, 0.1034
Android (android.graphics.Color)	4283386623 (0xFF4F4AFF)
YUV	96.1290, 78.3234, -15.0221
Hunter-Lab	37.1997, 49.1298, -127.3446

Details

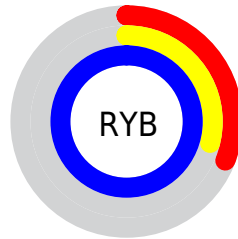
The CIELCh color $44, 105.016, 302.583$ is a dark color, and the websafe version is hex $6633FF$. The color can be described as dark washed blue. A complement of this color would be $97, 83.423, 105.292$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 73.380, 302.515$, and $26, 102.991, 304.395$ is the 20% darker color. If you saturate the color by 10%, you get $38, 118.843, 304.440$, and if you desaturate by 10%, it is $51, 89.240, 300.500$.

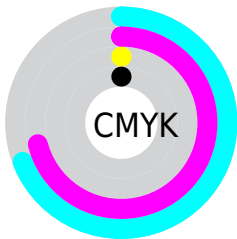
Distribution



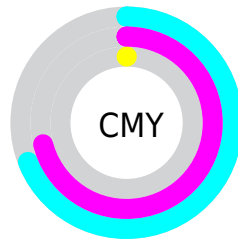
- Red (31%)
- Green (29%)
- Blue (100%)



- Red (31%)
- Yellow (29%)
- Blue (100%)



- Cyan (69%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)





- Cyan (69%)
- Magenta (71%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 105.016, 302.583 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, 105.016, 302.583 by changing the saturation by 10% instead.


 44, 105.016,
302.583


 44, 105.016,
302.583


 100, 105.016,
302.583


 34, 105.016,
302.583


 64, 105.016,
302.583


 24, 105.016,
302.583


 74, 105.016,
302.583


 14, 105.016,
302.583


 84, 105.016,
302.583

 4, 105.016,
302.583

 94, 105.016,
302.583

 0, 105.016,
302.583

 44, 105.016,

 44, 105.016,

302.583

302.583

■ 38, 118.843,
304.440

■ 51, 89.240,
300.500

■ 34, 128.937,
305.747

■ 59, 73.291,
298.464

■ 32, 133.693,
306.343

■ 67, 57.687,
296.607

■ 75, 42.656,
294.979

■ 83, 28.244,
293.582

■ 91, 14.432,
292.394

■ 99, 1.178, 291.435

■ 100, 0.012,
296.813

Harmonies

Complementary

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



44, 105.016, 302.583



97, 83.423, 105.292

Rectangle

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



44, 105.016, 302.583



44, 105.016, 352.583



44, 105.016, 122.583



44, 105.016, 172.583

Sweetspot

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



44, 104.889, 302.578



83, 28.386, 293.595



91, 44.801, 198.709



42, 19.325, 293.959



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, 104.889, 302.578



36, 123.580, 305.062



52, 101.625, 312.934



49, 7.507, 292.244



23, 107.639, 306.367



3, 44.197, 302.336

Inverse Universe

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



64, 99.822, 328.753



61, 109.195, 329.147



92, 91.675, 126.886



50, 8.884, 325.718



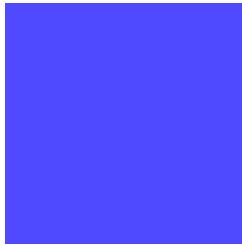
45, 91.028, 329.397



12, 41.990, 329.254

Previews

White Background



This preview shows how the CIELCh color 44, 105.016, 302.583 looks on a white background.

Color Contrast Check

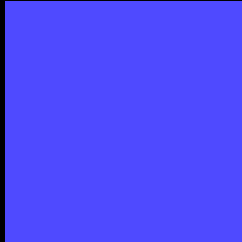
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.016, 302.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

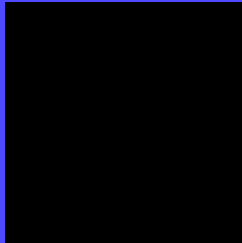
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 105.016, 302.583

Background



This preview shows how black text looks on a background with the CIELCh color 44, 105.016, 302.583.

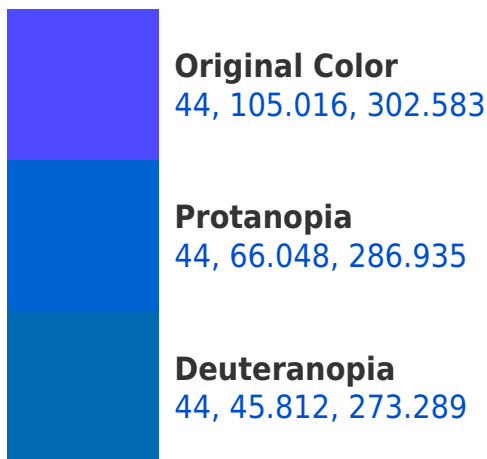



This preview shows how white text looks on a background with the CIELCh color 44, 105.016, 302.583.

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





Tritanopia
43, 26.765, 207.096

Trichromacy



Original Color
44, 105.016, 302.583

Protanomaly
43, 80.946, 293.935

Deuteranomaly
42, 67.856, 289.778

Tritanomaly
42, 43.773, 275.940

Monochromacy



Original Color
44, 105.016, 302.583

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 40.155, 296.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 105.016, 302.583 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(79, 74, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 74, 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(79, 74, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 74, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 105.016, 302.583 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(79, 74, 255) }
```

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

```
.border{ border-color:rgb(79, 74, 255) }
```

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

Here you see how a box with a 4 pixel rgb(79, 74, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 74, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 74, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 74,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 105.016, 302.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 74, 255) }
```

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

```
.background{ background-color: rgb(79, 74,  
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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