

Converting Colors

CIELCh(44, 103.884, 301.992)

Have a look what the booklet for
CIELCh(44, 103.884, 301.992)
contains.

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Color

CIELCh(44, 104.019, 301.966)

Conversions

Conversions Part 1

Format	Color
Hex	4B4CFF
RGB	75, 76, 255
RGB Percent	29%, 30%, 100%
CMY	0.7069, 0.7026, 0.0008
CMYK	0.71, 0.70, 0.00, 0.00
HSL	240°, 100%, 65%
HSV	240°, 71%, 100%
XYZ	23.4709, 13.8382, 95.8730
YIQ	96.1070, -58.0550, 55.4570

Conversions

Conversions Part 2

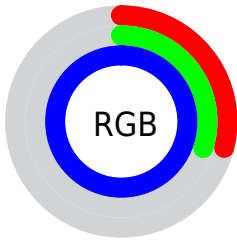
Format	Color
R _Y B	75, 76, 255
Decimal	4934911
CIE Lab	44.00, 55.07, -88.25
CIE LCh	44, 104.019, 301.966
Yxy	13.8382, 0.1762, 0.1039
Android (android.graphics.Color)	4283124991 (0xFF4B4CFF)
YUV	96.1070, 78.3342, -18.5108
Hunter-Lab	37.1997, 47.5239, -126.7653

Details

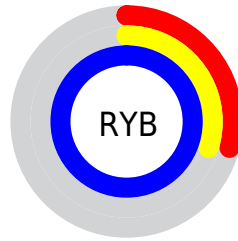
The CIELCh color **44, 104.019, 301.966** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **97, 82.765, 103.533**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 72.756, 301.663**, and **26, 101.742, 304.043** is the 20% darker color. If you saturate the color by 10%, you get **38, 118.135, 304.025**, and if you desaturate by 10%, it is **51, 88.329, 299.708**.

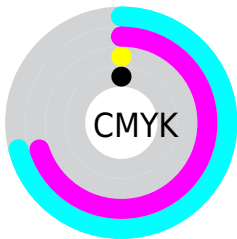
Distribution



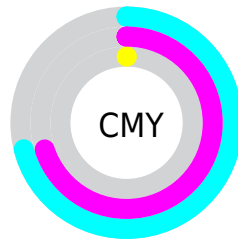
- Red (29%)
- Green (30%)
- Blue (100%)



- Red (29%)
- Yellow (30%)
- Blue (100%)



- Cyan (71%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)





- Cyan (71%)
- Magenta (70%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 104.019, 301.966 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, 104.019, 301.966 by changing the saturation by 10% instead.


 44, 104.019,
301.966


 44, 104.019,
301.966

 100, 104.019,
301.966


 34, 104.019,
301.966


 64, 104.019,
301.966


 24, 104.019,
301.966


 74, 104.019,
301.966


 14, 104.019,
301.966


 84, 104.019,
301.966

 4, 104.019,
301.966

 94, 104.019,
301.966

 0, 104.019,
301.966

 44, 104.019,

 44, 104.019,

301.966

301.966

■ 38, 118.135,
304.025

■ 51, 88.329,
299.708

■ 34, 128.497,
305.525

■ 59, 72.425,
297.515

■ 32, 133.495,
306.238

■ 67, 56.916,
295.530

■ 75, 42.002,
293.799

■ 83, 27.712,
292.320

■ 91, 14.017,
291.068

■ 99, 0.873, 290.092

■ 100, 0.090,
109.310

Harmonies

Complementary

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



44, 104.019, 301.966



97, 82.765, 103.533

Rectangle

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



44, 104.019, 301.966



44, 104.019, 351.966



44, 104.019, 121.966



44, 104.019, 171.966

Sweetspot

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



44, 104.020, 301.967



83, 28.192, 292.365



92, 45.992, 194.648



42, 19.192, 292.752



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, 104.020, 301.967



36, 123.299, 304.764



52, 101.452, 312.025



49, 7.457, 290.935



23, 107.503, 306.217



3, 43.933, 301.660

Inverse Universe

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



59, 78.358, 30.556



55, 94.005, 35.761



92, 90.515, 125.724



49, 5.253, 19.448



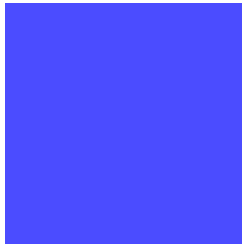
40, 83.946, 39.757



10, 33.316, 26.933

Previews

White Background



This preview shows how the CIELCh color 44, 104.019, 301.966 looks on a white background.

Color Contrast Check

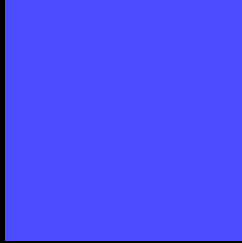
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.019, 301.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

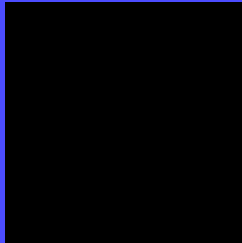
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 104.019, 301.966

Background



This preview shows how black text looks on a background with the CIELCh color 44, 104.019, 301.966.

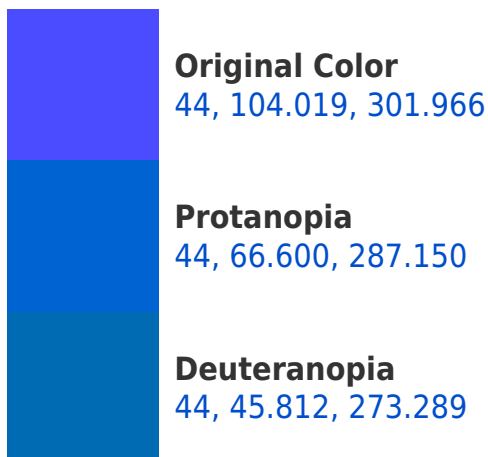



This preview shows how white text looks on a background with the CIELCh color 44, 104.019, 301.966.

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, 104.019, 301.966



Protanomaly
43, 80.327, 293.544



Deuteranomaly
43, 67.245, 289.255



Tritanomaly
42, 43.827, 275.690

Monochromacy



Original Color
44, 104.019, 301.966



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 39.496, 295.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 104.019, 301.966 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(75, 76, 255)` looks like.

```
.text, #text, p{  
    color:rgb(75, 76, 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(75, 76, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 76, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 104.019, 301.966 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(75, 76, 255) }
```

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

```
.border{ border-color:rgb(75, 76, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 76, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 76, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 76, 255);  
box-shadow:4px 4px 4px 4px rgb(75, 76,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 104.019, 301.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 76, 255) }
```

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

```
.background{ background-color: rgb(75, 76,  
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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