

Converting Colors

CIELCh(41, 101.312, 299.117)

Have a look what the booklet for
CIELCh(41, 101.312, 299.117)
contains.

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Color

CIELCh(41, 101.119, 299.094)

Conversions

Conversions Part 1

Format	Color
Hex	164BF6
RGB	22, 75, 246
RGB Percent	9%, 29%, 96%
CMY	0.9130, 0.7058, 0.0351
CMYK	0.91, 0.70, 0.00, 0.04
HSL	226°, 93%, 53%
HSV	226°, 91%, 96%
XYZ	19.4925, 11.8645, 88.4823
YIQ	78.6470, -86.4790, 41.9450

Conversions

Conversions Part 2

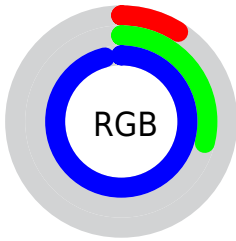
Format	Color
R _Y B	22, 65, 246
Decimal	1461238
CIE Lab	41.00, 49.17, -88.36
CIE LCh	41, 101.119, 299.094
Yxy	11.8645, 0.1627, 0.0990
Android (android.graphics.Color)	4279651318 (0xFF164BF6)
YUV	78.6470, 82.5050, -49.6794
Hunter-Lab	34.4449, 40.7352, -128.1929

Details

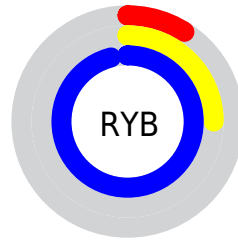
The CIELCh color **41, 101.119, 299.094** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **81, 80.009, 85.961**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 74.139, 296.815**, and **26, 96.508, 303.519** is the 20% darker color. If you saturate the color by 10%, you get **37, 111.062, 301.668**, and if you desaturate by 10%, it is **46, 89.183, 295.934**.

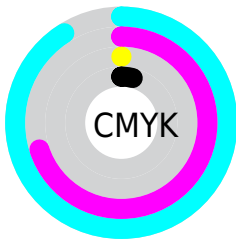
Distribution



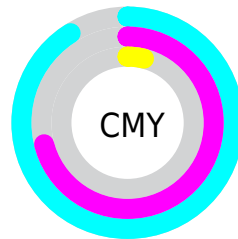
- Red (9%)
- Green (29%)
- Blue (96%)



- Red (9%)
- Yellow (25%)
- Blue (96%)



- Cyan (91%)
- Magenta (70%)
- Yellow (0%)
- Black (4%)





- Cyan (91%)
- Magenta (71%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 101.119, 299.094 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, 101.119, 299.094 by changing the saturation by 10% instead.


 41, 101.119,
299.094


 41, 101.119,
299.094


 100, 101.119,
299.094


 31, 101.119,
299.094


 61, 101.119,
299.094


 21, 101.119,
299.094


 71, 101.119,
299.094

 11, 101.119,
299.094


 81, 101.119,
299.094

 1, 101.119,
299.094

 91, 101.119,
299.094

 0, 101.119,
299.094

 41, 101.119,

 41, 101.119,

299.094

299.094

■ 37, 111.062,
301.668

■ 46, 89.183,
295.934

■ 52, 77.047,
292.759

■ 58, 65.135,
289.776

■ 64, 53.590,
287.095

■ 70, 42.428,
284.751

■ 77, 31.617,
282.735

■ 83, 21.122,
281.011

■ 90, 10.916,
279.545

Harmonies

Complementary

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



41, 101.119, 299.094



81, 80.009, 85.961

Rectangle

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



41, 101.119, 299.094



41, 101.119, 349.094



41, 101.119, 119.094



41, 101.119, 169.094

Sweetspot

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



41, 101.120, 299.095



82, 28.207, 282.024



87, 62.405, 167.529



41, 19.097, 282.639



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, 101.120, 299.095



39, 114.311, 301.721



36, 122.573, 307.660



48, 5.614, 279.346



28, 88.655, 301.173



6, 33.172, 294.888

Inverse Universe

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



53, 84.218, 22.760



54, 91.688, 27.839



90, 95.685, 116.792



48, 5.322, 1.386



39, 71.717, 26.657



9, 29.864, 14.928

Previews

White Background



This preview shows how the CIELCh color 41, 101.119, 299.094 looks on a white background.

Color Contrast Check

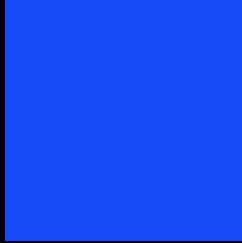
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101.119, 299.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

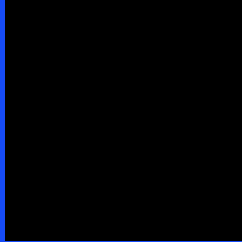
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 101.119, 299.094

Background



This preview shows how black text looks on a background with the CIELCh color 41, 101.119, 299.094.

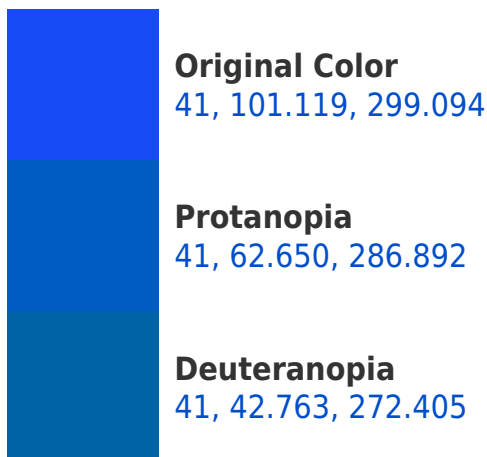



This preview shows how white text looks on a background with the CIELCh color 41, 101.119, 299.094.

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
40, 25.526, 204.902

Trichromacy



Original Color
41, 101.119, 299.094

Protanomaly
41, 77.061, 292.887

Deuteranomaly
40, 63.864, 288.064

Tritanomaly
39, 42.137, 273.655

Monochromacy



Original Color
41, 101.119, 299.094

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 38.813, 288.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 101.119, 299.094 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(22, 75, 246)` looks like.

```
.text, #text, p{  
    color:rgb(22, 75, 246)  
}
```

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(22, 75, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 75, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 101.119, 299.094 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(22, 75, 246) }
```

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

```
.border{ border-color:rgb(22, 75, 246) }
```

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

Here you see how a box with a 4 pixel rgb(22, 75, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 75, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 75, 246);  
box-shadow:4px 4px 4px 4px rgb(22, 75,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 101.119, 299.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 75, 246) }
```

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

```
.background{ background-color: rgb(22, 75,  
246) }
```

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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