

Converting Colors

CIELCh(41, 109.212, 302.014)

Have a look what the booklet for
CIELCh(41, 109.212, 302.014)
contains.

CIELCh(41, 109.227, 302.006)	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>	28

Color

CIELCh(41, 109.227, 302.006)

Conversions

Conversions Part 1

Format	Color
Hex	3443FE
RGB	52, 67, 254
RGB Percent	20%, 26%, 100%
CMY	0.7943, 0.7382, 0.0051
CMYK	0.79, 0.74, 0.00, 0.01
HSL	236°, 99%, 60%
HSV	236°, 79%, 99%
XYZ	21.2741, 11.8645, 94.6858
YIQ	83.8330, -68.9670, 54.9770

Conversions

Conversions Part 2

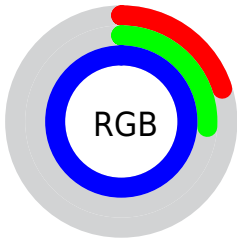
Format	Color
RYB	52, 66, 254
Decimal	3425278
CIELab	41.00, 57.89, -92.62
CIELCh	41, 109.227, 302.006
Yxy	11.8645, 0.1664, 0.0928
Android (android.graphics.Color)	4281615358 (0xFF3443FE)
YUV	83.8330, 83.8923, -27.9175
Hunter-Lab	34.4449, 49.9678, -138.8710

Details

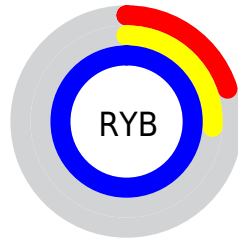
The CIELCh color **41, 109.227, 302.006** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **93, 84.706, 99.340**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 78.303, 301.010**, and **25, 104.746, 304.984** is the 20% darker color. If you saturate the color by 10%, you get **36, 121.557, 304.133**, and if you desaturate by 10%, it is **47, 94.828, 299.554**.

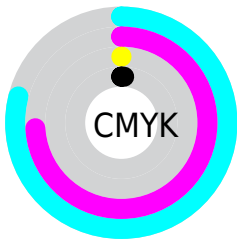
Distribution



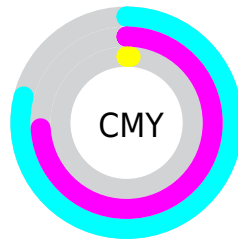
- Red (20%)
- Green (26%)
- Blue (100%)



- Red (20%)
- Yellow (26%)
- Blue (100%)



- Cyan (79%)
- Magenta (74%)
- Yellow (0%)
- Black (1%)





- Cyan (79%)
- Magenta (74%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 109.227, 302.006 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, 109.227, 302.006 by changing the saturation by 10% instead.


 41, 109.227,
302.006


 41, 109.227,
302.006


 100, 109.227,
302.006


 31, 109.227,
302.006


 61, 109.227,
302.006


 21, 109.227,
302.006


 71, 109.227,
302.006


 11, 109.227,
302.006


 81, 109.227,
302.006

 1, 109.227,
302.006

 91, 109.227,
302.006

 0, 109.227,
302.006

 41, 109.227,

 41, 109.227,

302.006

302.006

■ 36, 121.557,
304.133

■ 47, 94.828,
299.554

■ 33, 129.877,
305.590

■ 54, 79.864,
297.080

■ 33, 130.269,
305.653

■ 61, 65.107,
294.778

■ 69, 50.848,
292.737

■ 77, 37.152,
290.974

■ 85, 24.005,
289.469

■ 92, 11.367,
288.195

100, 0.646,
110.010

Harmonies

Complementary

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



41, 109.227, 302.006



93, 84.706, 99.340

Rectangle

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



41, 109.227, 302.006



41, 109.227, 352.006



41, 109.227, 122.006



41, 109.227, 172.006

Sweetspot

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



41, 109.228, 302.007



81, 30.216, 290.144



91, 50.564, 186.280



41, 20.905, 290.693



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, 109.228, 302.007



34, 127.384, 305.070



45, 111.844, 310.544



49, 6.965, 288.217



24, 104.565, 305.450



4, 41.872, 300.523

Inverse Universe

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



56, 84.549, 29.568



54, 98.588, 36.249



91, 95.867, 123.447



50, 5.268, 14.205



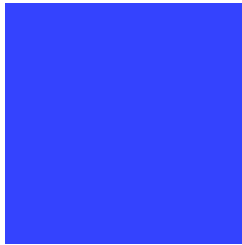
40, 81.285, 37.296



10, 32.807, 24.312

Previews

White Background



This preview shows how the CIELCh color 41, 109.227, 302.006 looks on a white background.

Color Contrast Check

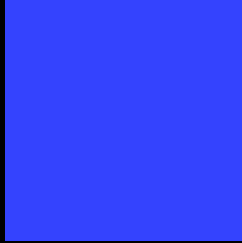
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109.227, 302.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

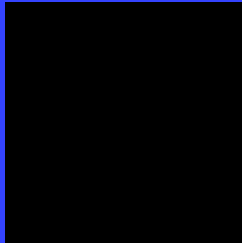
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 109.227, 302.006

Background



This preview shows how black text looks on a background with the CIELCh color 41, 109.227, 302.006.

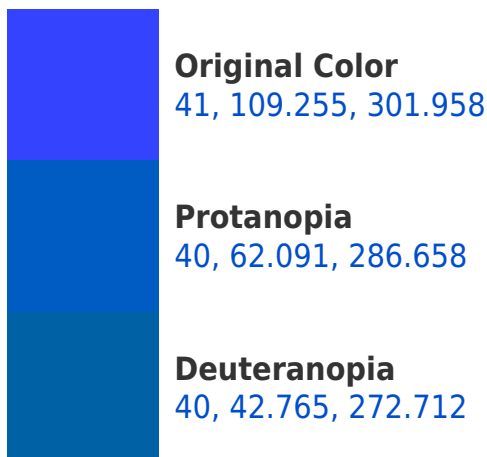



This preview shows how white text looks on a background with the CIELCh color 41, 109.227, 302.006.

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, 109.255, 301.958

Protanomaly
40, 80.034, 294.400

Deuteranomaly
40, 66.832, 290.164

Tritanomaly
39, 45.220, 278.223

Monochromacy



Original Color
41, 109.255, 301.958

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 42.123, 294.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 109.227, 302.006 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(52, 67, 254)` looks like.

```
.text, #text, p{  
    color:rgb(52, 67, 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(52, 67, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 67, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 109.227, 302.006 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(52, 67, 254) }
```

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

```
.border{ border-color:rgb(52, 67, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 67, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 67, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 67, 254);  
box-shadow:4px 4px 4px 4px rgb(52, 67,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 109.227, 302.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 67, 254) }
```

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

```
.background{ background-color: rgb(52, 67,  
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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