

Converting Colors

CIELCh(41, 111.150, 302.317)

Have a look what the booklet for
CIELCh(41, 111.150, 302.317)
contains.

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Color

CIELCh(41, 110.815, 302.334)

Conversions

Conversions Part 1

Format	Color
Hex	3641FF
RGB	54, 65, 255
RGB Percent	21%, 25%, 100%
CMY	0.7884, 0.7435, 0.0000
CMYK	0.79, 0.74, 0.00, 0.00
HSL	237°, 100%, 61%
HSV	237°, 79%, 100%
XYZ	21.5653, 11.8645, 96.1949
YIQ	83.3710, -67.5460, 56.7580

Conversions

Conversions Part 2

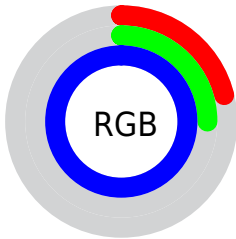
Format	Color
R _Y B	54, 64, 255
Decimal	3555839
CIE Lab	41.00, 59.27, -93.63
CIE LCh	41, 110.815, 302.334
Yxy	11.8645, 0.1664, 0.0915
Android (android.graphics.Color)	4281745919 (0xFF3641FF)
YUV	83.3710, 84.6131, -25.7584
Hunter-Lab	34.4449, 51.4766, -141.4687

Details

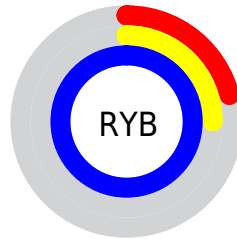
The CIELCh color **41, 110.815, 302.334** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **94, 85.605, 100.212**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 79.513, 301.801**, and **25, 106.150, 305.253** is the 20% darker color. If you saturate the color by 10%, you get **36, 122.873, 304.362**, and if you desaturate by 10%, it is **47, 95.993, 299.928**.

Distribution



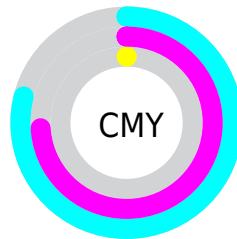
- Red (21%)
- Green (25%)
- Blue (100%)



- Red (21%)
- Yellow (25%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 110.815, 302.334 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, 110.815, 302.334 by changing the saturation by 10% instead.


 41, 110.815,
302.334


 41, 110.815,
302.334


 100, 110.815,
302.334


 31, 110.815,
302.334


 61, 110.815,
302.334


 21, 110.815,
302.334


 71, 110.815,
302.334


 11, 110.815,
302.334


 81, 110.815,
302.334

 1, 110.815,
302.334

 91, 110.815,
302.334

 0, 110.815,
302.334

 41, 110.815,

 41, 110.815,

302.334

302.334

■ 36, 122.873,
304.362

■ 47, 95.993,
299.928

■ 33, 130.912,
305.717

■ 54, 80.773,
297.500

■ 33, 131.520,
305.811

■ 62, 65.735,
295.237

■ 69, 51.197,
293.228

■ 77, 37.238,
291.492

■ 85, 23.845,
290.012

■ 93, 10.979,
288.759

■ 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.



41, 110.815, 302.334



94, 85.605, 100.212

Rectangle

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



41, 110.815, 302.334



41, 110.815, 352.334



41, 110.815, 122.334



41, 110.815, 172.334

Sweetspot

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



41, 110.562, 302.320



81, 30.688, 290.745



91, 49.951, 188.265



40, 21.234, 291.289



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, 110.562, 302.320



34, 128.427, 305.299



46, 111.564, 310.926



49, 7.070, 288.836



24, 105.246, 305.631



4, 42.318, 300.783

Inverse Universe

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



56, 85.089, 30.312



54, 99.377, 36.911



92, 96.353, 124.070



50, 5.261, 15.335



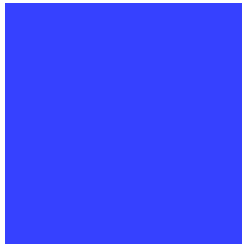
40, 81.855, 37.851



10, 32.911, 24.885

Previews

White Background



This preview shows how the CIELCh color 41, 110.815, 302.334 looks on a white background.

Color Contrast Check

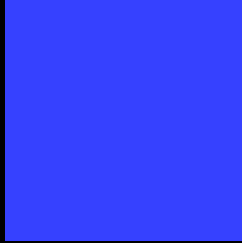
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.815, 302.334 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, 110.815, 302.334

Background



This preview shows how black text looks on a background with the CIELCh color 41, 110.815, 302.334.



This preview shows how white text looks on a background with the CIELCh color 41, 110.815, 302.334.

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



Original Color


41, 110.785, 302.382

Protanopia

40, 62.091, 286.658

Deuteranopia

40, 42.765, 272.712



Tritanopia
40, 25.526, 204.902

Trichromacy



Original Color
41, 110.785, 302.382

Protanomaly
40, 80.671, 294.733

Deuteranomaly
39, 68.033, 290.789

Tritanomaly
38, 45.776, 279.040

Monochromacy



Original Color
41, 110.785, 302.382

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 42.793, 295.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 110.815, 302.334 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(54, 65, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 65, 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(54, 65, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 65, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 110.815, 302.334 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(54, 65, 255) }
```

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

```
.border{ border-color:rgb(54, 65, 255) }
```

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

Here you see how a box with a 4 pixel rgb(54, 65, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 65, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 65, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 65,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 110.815, 302.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 65, 255) }
```

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

```
.background{ background-color: rgb(54, 65,  
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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