

Converting Colors

CIELCh(41, 104.908, 301.609)

Have a look what the booklet for
CIELCh(41, 104.908, 301.609)
contains.

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Color

CIELCh(41, 105.005, 301.637)

Conversions

Conversions Part 1

Format	Color
Hex	3845F8
RGB	56, 69, 248
RGB Percent	22%, 27%, 97%
CMY	0.7807, 0.7296, 0.0276
CMYK	0.77, 0.72, 0.00, 0.03
HSL	236°, 93%, 60%
HSV	236°, 77%, 97%
XYZ	20.6883, 11.8645, 89.9696
YIQ	85.5190, -65.2070, 52.9130

Conversions

Conversions Part 2

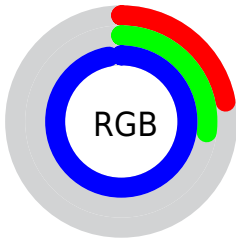
Format	Color
R _Y B	56, 68, 248
Decimal	3687928
CIE Lab	41.00, 55.08, -89.40
CIE LCh	41, 105.005, 301.637
Yxy	11.8645, 0.1689, 0.0968
Android (android.graphics.Color)	4281878008 (0xFF3845F8)
YUV	85.5190, 80.1031, -25.8882
Hunter-Lab	34.4449, 46.9322, -130.7530

Details

The CIELCh color **41, 105.005, 301.637** 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 **92, 82.198, 99.680**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 77.072, 300.738**, and **25, 100.908, 304.583** is the 20% darker color. If you saturate the color by 10%, you get **36, 117.629, 303.831**, and if you desaturate by 10%, it is **47, 90.650, 299.177**.

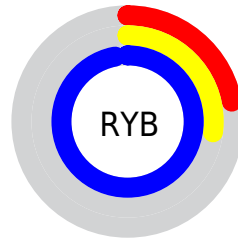
Distribution



Red (22%)

Green (27%)

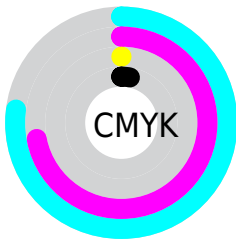
Blue (97%)



Red (22%)

Yellow (27%)

Blue (97%)

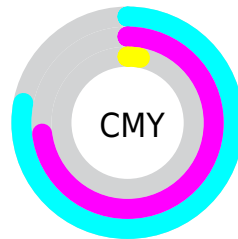


Cyan (77%)

Magenta (72%)

Yellow (0%)

Black (3%)



Cyan (78%)


Magenta (73%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 105.005, 301.637 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, 105.005, 301.637 by changing the saturation by 10% instead.


 41, 105.005,
301.637


 41, 105.005,
301.637


 100, 105.005,
301.637


 31, 105.005,
301.637


 61, 105.005,
301.637


 21, 105.005,
301.637


 71, 105.005,
301.637

 11, 105.005,
301.637


 81, 105.005,
301.637

 1, 105.005,
301.637

 91, 105.005,
301.637

 0, 105.005,
301.637

 41, 105.005,

 41, 105.005,

301.637

301.637

■ 36, 117.629,
303.831

■ 47, 90.650,
299.177

■ 33, 126.596,
305.419

■ 54, 75.915,
296.737

■ 32, 128.138,
305.678

■ 61, 61.457,
294.491

■ 69, 47.512,
292.510

■ 77, 34.123,
290.804

■ 84, 21.269,
289.350

■ 92, 8.910, 288.121

■ 99, 2.992, 107.022

100, 3.562,
109.890

Harmonies

Complementary

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



41, 105.005, 301.637



92, 82.198, 99.680

Rectangle

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



41, 105.005, 301.637



41, 105.005, 351.637



41, 105.005, 121.637



41, 105.005, 171.637

Sweetspot

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



41, 105.006, 301.638



82, 29.002, 290.134



89, 49.169, 186.460



41, 20.217, 290.680



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, 105.006, 301.638



35, 125.948, 304.830



45, 107.761, 310.506



48, 6.874, 288.357



23, 103.642, 305.482



4, 40.022, 299.684

Inverse Universe

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



55, 81.281, 28.967



54, 97.327, 35.617



90, 92.719, 123.373



49, 5.179, 14.458



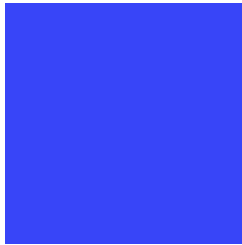
39, 80.573, 37.392



9, 31.720, 23.407

Previews

White Background



This preview shows how the CIELCh color 41, 105.005, 301.637 looks on a white background.

Color Contrast Check

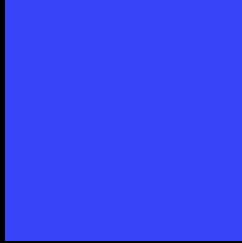
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.005, 301.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

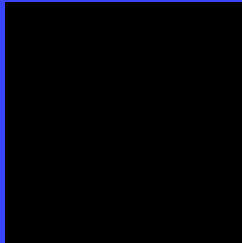
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 105.005, 301.637

Background



This preview shows how black text looks on a background with the CIELCh color 41, 105.005, 301.637.



This preview shows how white text looks on a background with the CIELCh color 41, 105.005, 301.637.

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, 105.005, 301.637

Protanopia

40, 62.091, 286.658

Deuteranopia

40, 43.283, 273.222



Tritanopia
40, 25.526, 204.902

Trichromacy



Original Color
41, 105.005, 301.637

Protanomaly
40, 78.274, 293.883

Deuteranomaly
39, 66.259, 290.030

Tritanomaly
39, 43.007, 276.247

Monochromacy



Original Color
41, 105.005, 301.637

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 40.241, 294.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 105.005, 301.637 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(56, 69, 248)` looks like.

```
.text, #text, p{  
    color:rgb(56, 69, 248)  
}
```

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(56, 69, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 69, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 105.005, 301.637 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(56, 69, 248) }
```

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

```
.border{ border-color:rgb(56, 69, 248) }
```

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

Here you see how a box with a 4 pixel rgb(56, 69, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 69, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 69, 248);  
box-shadow:4px 4px 4px 4px rgb(56, 69,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 105.005, 301.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 69, 248) }
```

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

```
.background{ background-color: rgb(56, 69,  
248) }
```

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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