

Converting Colors

CIELCh(41, 76.008, 297.177)

Have a look what the booklet for
CIELCh(41, 76.008, 297.177)
contains.

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Color

CIELCh(41, 76.035, 297.145)

Conversions

Conversions Part 1

Format	Color
Hex	4053D2
RGB	64, 83, 210
RGB Percent	25%, 33%, 82%
CMY	0.7505, 0.6755, 0.1776
CMYK	0.70, 0.61, 0.00, 0.18
HSL	232°, 62%, 54%
HSV	232°, 70%, 82%
XYZ	16.7599, 11.8645, 62.1859
YIQ	91.7970, -52.0910, 35.4690

Conversions

Conversions Part 2

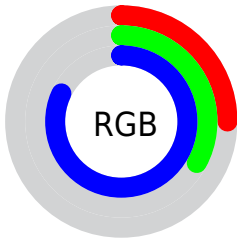
Format	Color
R _Y B	64, 81, 210
Decimal	4215762
CIE Lab	41.00, 34.69, -67.66
CIE LCh	41, 76.035, 297.145
Yxy	11.8645, 0.1846, 0.1307
Android (android.graphics.Color)	4282405842 (0xFF4053D2)
YUV	91.7970, 58.2741, -24.3780
Hunter-Lab	34.4449, 26.5740, -82.9290

Details

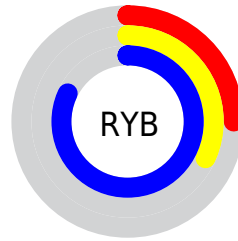
The CIELCh color **41, 76.035, 297.145** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **77, 63.803, 96.595**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 69.128, 296.617**, and **23, 74.349, 300.035** is the 20% darker color. If you saturate the color by 10%, you get **36, 88.008, 299.851**, and if you desaturate by 10%, it is **47, 64.000, 294.529**.

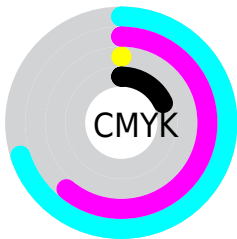
Distribution



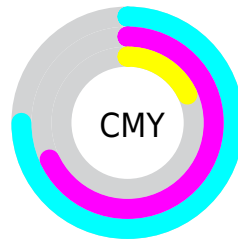
- Red (25%)
- Green (33%)
- Blue (82%)



- Red (25%)
- Yellow (32%)
- Blue (82%)



- Cyan (70%)
- Magenta (61%)
- Yellow (0%)
- Black (18%)





- Cyan (75%)
- Magenta (68%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 76.035, 297.145 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, 76.035, 297.145 by changing the saturation by 10% instead.


 41, 76.035,
297.145


 41, 76.035,
297.145


 100, 76.035,
297.145


 31, 76.035,
297.145

 61, 76.035,
297.145


 21, 76.035,
297.145

 71, 76.035,
297.145

 11, 76.035,
297.145

 81, 76.035,
297.145

 1, 76.035, 297.145

 91, 76.035,
297.145

 0, 76.035, 297.145

 41, 76.035,

 41, 76.035,

297.145

■ 36, 88.008,
299.851

■ 31, 99.099,
302.397

■ 28, 108.039,
304.440

■ 28, 108.293,
304.493

297.145

■ 47, 64.000,
294.529

■ 53, 52.268,
292.142

■ 59, 40.955,
290.041

■ 65, 30.069,
288.228

■ 72, 19.582,
286.679

■ 78, 9.463, 285.363

■ 84, 0.318, 103.824

■ 91, 9.784, 103.236

■ 97, 18.957,

Harmonies

Complementary

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



41, 76.035, 297.145



77, 63.803, 96.595

Rectangle

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



41, 76.035, 297.145



41, 76.035, 347.145



41, 76.035, 117.145



41, 76.035, 167.145

Sweetspot

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



41, 76.035, 297.146



85, 24.581, 286.907



77, 42.594, 182.012



43, 16.719, 287.326



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, 76.035, 297.146



41, 109.003, 301.236



41, 86.123, 308.953



41, 5.543, 285.332



22, 90.998, 304.198



2, 23.240, 289.960

Inverse Universe

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



49, 62.273, 21.120



55, 86.368, 27.477



78, 74.242, 121.242



41, 4.518, 9.405



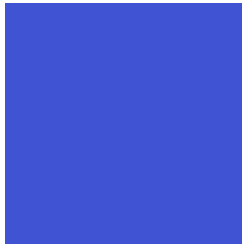
35, 70.980, 33.768



4, 20.092, 13.378

Previews

White Background



This preview shows how the CIE LCh color 41, 76.035, 297.145 looks on a white background.

Color Contrast Check

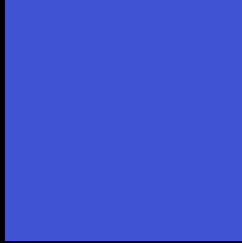
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 41, 76.035, 297.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

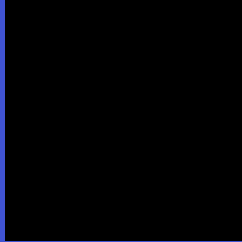
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 76.035, 297.145

Background



This preview shows how black text looks on a background with the CIELCh color 41, 76.035, 297.145.



This preview shows how white text looks on a background with the CIELCh color 41, 76.035, 297.145.

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, 76.035, 297.145

Protanopia

41, 62.580, 286.667

Deuteranopia

41, 44.315, 273.905

Trichromacy



Original Color
41, 76.035, 297.145

Protanomaly
40, 67.757, 290.306

Deuteranomaly
40, 55.668, 284.710

Monochromacy



Original Color
41, 76.035, 297.145

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 28.180, 289.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 76.035, 297.145 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(64, 83, 210)` looks like.

```
.text, #text, p{  
    color:rgb(64, 83, 210)  
}
```

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(64, 83, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 83, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 76.035, 297.145 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(64, 83, 210) }
```

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

```
.border{ border-color:rgb(64, 83, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 83, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 83, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 83, 210);  
box-shadow:4px 4px 4px 4px rgb(64, 83,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 76.035, 297.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 83, 210) }
```

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

```
.background{ background-color: rgb(64, 83,  
210) }
```

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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