

Converting Colors

CIELCh(41, 77.749, 307.328)

Have a look what the booklet for
CIELCh(41, 77.749, 307.328)
contains.

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Color

CIELCh(41, 77.634, 307.339)

Conversions

Conversions Part 1

Format	Color
Hex	6F46C8
RGB	111, 70, 200
RGB Percent	44%, 27%, 78%
CMY	0.5659, 0.7265, 0.2168
CMYK	0.45, 0.65, 0.00, 0.22
HSL	259°, 54%, 53%
HSV	259°, 65%, 78%
XYZ	19.0827, 11.8645, 55.7477
YIQ	97.0790, -17.2940, 49.1220

Conversions

Conversions Part 2

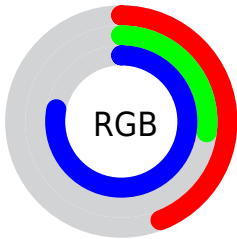
Format	Color
R_{YB}	111, 70, 200
Decimal	7292616
CIE _{Lab}	41.00, 47.09, -61.72
CIE _{LCh}	41, 77.634, 307.339
Yxy	11.8645, 0.2201, 0.1369
Android (android.graphics.Color)	4285482696 (0xFF6F46C8)
YUV	97.0790, 50.7401, 12.2087
Hunter-Lab	34.4449, 38.6113, -71.8470

Details

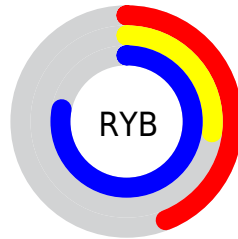
The CIELCh color **41, 77.634, 307.339** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **75, 66.830, 119.134**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 76.024, 307.341**, and **21, 77.913, 307.358** is the 20% darker color. If you saturate the color by 10%, you get **36, 89.049, 308.078**, and if you desaturate by 10%, it is **47, 65.383, 306.477**.

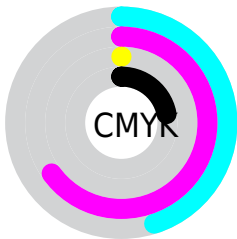
Distribution



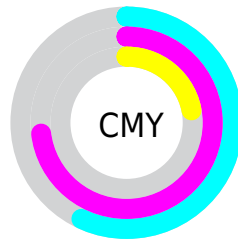
- Red (44%)
- Green (27%)
- Blue (78%)



- Red (44%)
- Yellow (27%)
- Blue (78%)



- Cyan (45%)
- Magenta (65%)
- Yellow (0%)
- Black (22%)





- Cyan (57%)
- Magenta (73%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 77.634, 307.339 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, 77.634, 307.339 by changing the saturation by 10% instead.


 41, 77.634,
307.339


 41, 77.634,
307.339


 100, 77.634,
307.339


 31, 77.634,
307.339

 61, 77.634,
307.339


 21, 77.634,
307.339

 71, 77.634,
307.339

 11, 77.634,
307.339

 81, 77.634,
307.339

 1, 77.634, 307.339

 91, 77.634,
307.339

 0, 77.634, 307.339

 41, 77.634,

 41, 77.634,

307.339

307.339

■ 36, 89.049,
308.078

■ 47, 65.383,
306.477

■ 32, 98.662,
308.541

■ 53, 52.918,
305.593

■ 29, 105.326,
308.553

■ 59, 40.579,
304.747

■ 27, 107.810,
308.479

■ 65, 28.537,
303.969

■ 71, 16.865,
303.269

■ 77, 5.586, 302.644

■ 84, 5.302, 122.123

■ 90, 15.813,
121.645

■ 96, 25.964,
121.237

Harmonies

Complementary

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



41, 77.634, 307.339



75, 66.830, 119.134

Rectangle

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



41, 77.634, 307.339



41, 77.634, 357.339



41, 77.634, 127.339



41, 77.634, 177.339

Sweetspot

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



41, 77.634, 307.340



85, 27.528, 303.624



62, 31.726, 241.915



43, 18.873, 303.827



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, 77.634, 307.340



44, 112.064, 308.309



49, 77.851, 321.297



39, 6.261, 302.905



21, 92.644, 308.616



2, 21.838, 300.011

Inverse Universe

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



51, 64.210, 340.498



60, 86.781, 342.356



72, 76.404, 134.949



39, 5.918, 335.517



36, 65.599, 345.798



4, 20.304, 341.511

Previews

White Background



This preview shows how the CIELCh color 41, 77.634, 307.339 looks on a white background.

Color Contrast Check

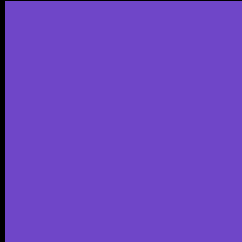
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.634, 307.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

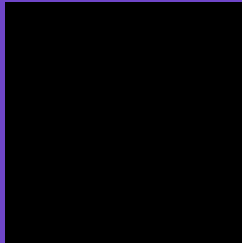
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 77.634, 307.339

Background



This preview shows how black text looks on a background with the CIELCh color 41, 77.634, 307.339.



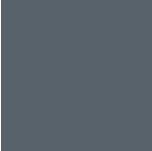
This preview shows how white text looks on a background with the CIELCh color 41, 77.634, 307.339.

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
41, 6.406, 248.578

Trichromacy



Original Color
41, 77.634, 307.339

Protanomaly
40, 68.433, 292.583

Deuteranomaly
39, 56.822, 288.243

Tritanomaly
40, 31.892, 299.641

Monochromacy



Original Color
41, 77.634, 307.339

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 29.262, 304.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 77.634, 307.339 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(111, 70, 200)` looks like.

```
.text, #text, p{  
    color:rgb(111, 70, 200)  
}
```

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(111, 70, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 70, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 77.634, 307.339 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(111, 70, 200) }
```

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

```
.border{ border-color:rgb(111, 70, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 70, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 70, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 70, 200);  
box-shadow:4px 4px 4px 4px rgb(111, 70,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 77.634, 307.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 70, 200) }
```

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

```
.background{ background-color: rgb(111, 70,  
200) }
```

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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