

Converting Colors

CIELCh(41, 72.903, 307.023)

Have a look what the booklet for
CIELCh(41, 72.903, 307.023)
contains.

CIELCh(41, 73.251, 307.052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 73.251, 307.052)

Conversions

Conversions Part 1

Format	Color
Hex	6E48C2
RGB	110, 72, 194
RGB Percent	43%, 28%, 76%
CMY	0.5683, 0.7173, 0.2389
CMYK	0.43, 0.63, 0.00, 0.24
HSL	259°, 50%, 52%
HSV	259°, 63%, 76%
XYZ	18.5115, 11.8645, 52.4061
YIQ	97.2700, -16.5140, 45.9980

Conversions

Conversions Part 2

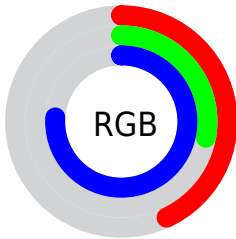
Format	Color
R_{YB}	110, 72, 194
Decimal	7227586
CIE _{Lab}	41.00, 44.14, -58.46
CIE _{LCh}	41, 73.251, 307.052
Yxy	11.8645, 0.2236, 0.1433
Android (android.graphics.Color)	4285417666 (0xFF6E48C2)
YUV	97.2700, 47.6879, 11.1642
Hunter-Lab	34.4449, 35.6514, -66.0951

Details

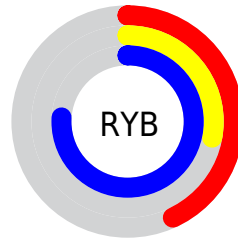
The CIELCh color **41, 73.251, 307.052** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **74, 63.429, 119.029**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 73.326, 307.189**, and **21, 72.911, 307.047** is the 20% darker color. If you saturate the color by 10%, you get **36, 84.685, 307.843**, and if you desaturate by 10%, it is **47, 61.179, 306.169**.

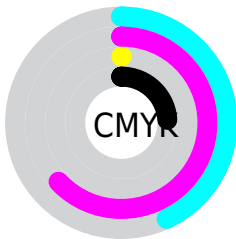
Distribution



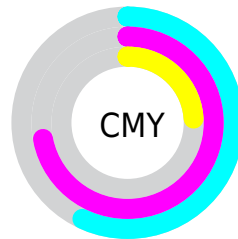
- Red (43%)
- Green (28%)
- Blue (76%)



- Red (43%)
- Yellow (28%)
- Blue (76%)



- Cyan (43%)
- Magenta (63%)
- Yellow (0%)
- Black (24%)





- Cyan (57%)
- Magenta (72%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 73.251, 307.052 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, 73.251, 307.052 by changing the saturation by 10% instead.


 41, 73.251,
307.052


 41, 73.251,
307.052


 100, 73.251,
307.052


 31, 73.251,
307.052

 61, 73.251,
307.052


 21, 73.251,
307.052

 71, 73.251,
307.052

 11, 73.251,
307.052


 81, 73.251,
307.052

 1, 73.251, 307.052

 91, 73.251,
307.052

 0, 73.251, 307.052

 41, 73.251,

 41, 73.251,

307.052

307.052

■ 36, 84.685,
307.843

■ 47, 61.179,
306.169

■ 31, 94.615,
308.398

■ 52, 49.000,
305.282

■ 28, 101.921,
308.543

■ 58, 36.999,
304.444

■ 26, 105.581,
308.448

■ 65, 25.313,
303.679

■ 71, 13.998,
302.993

■ 77, 3.068, 302.377

■ 83, 7.481, 121.873

■ 89, 17.666,
121.412

■ 95, 27.504,
121.014

Harmonies

Complementary

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



41, 73.251, 307.052



74, 63.429, 119.029

Rectangle

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



41, 73.251, 307.052



41, 73.251, 357.052



41, 73.251, 127.052



41, 73.251, 177.052

Sweetspot

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



41, 73.251, 307.053



85, 25.882, 303.425



61, 30.277, 241.224



43, 18.049, 303.632



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, 73.251, 307.053



45, 107.492, 308.062



48, 73.969, 321.257



38, 6.125, 302.772



21, 91.621, 308.578



2, 19.756, 299.488

Inverse Universe

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



50, 61.323, 340.043



60, 84.660, 341.702



71, 72.562, 135.083



38, 5.808, 335.365



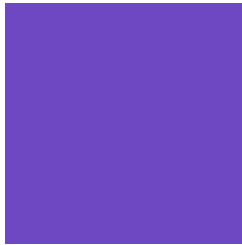
35, 65.002, 345.501



3, 18.079, 340.916

Previews

White Background



This preview shows how the CIELCh color 41, 73.251, 307.052 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, 73.251, 307.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

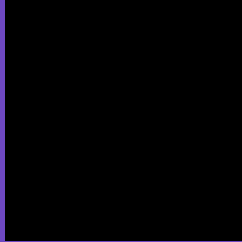
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 73.251, 307.052

Background



This preview shows how black text looks on a background with the CIELCh color 41, 73.251, 307.052.

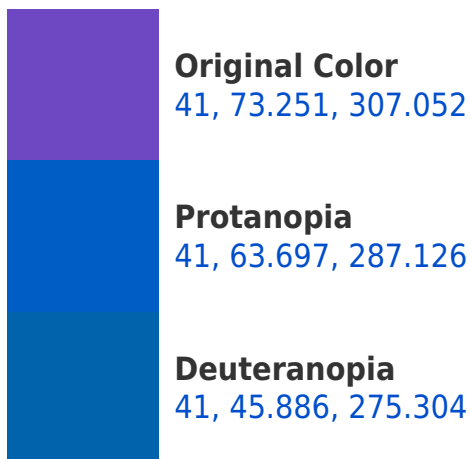


This preview shows how white text looks on a background with the CIELCh color 41, 73.251, 307.052.

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, 6.165, 251.283

Trichromacy



Original Color
41, 73.251, 307.052

Protanomaly
40, 67.867, 292.434

Deuteranomaly
39, 55.617, 287.521

Tritanomaly
40, 30.021, 299.092

Monochromacy



Original Color
41, 73.251, 307.052

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 27.390, 304.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 73.251, 307.052 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(110, 72, 194)` looks like.

```
.text, #text, p{  
    color:rgb(110, 72, 194)  
}
```

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(110, 72, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 72, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 73.251, 307.052 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(110, 72, 194) }
```

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

```
.border{ border-color:rgb(110, 72, 194) }
```

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

Here you see how a box with a 4 pixel rgb(110, 72, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 72, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 72, 194);  
box-shadow:4px 4px 4px 4px rgb(110, 72,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 73.251, 307.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 72, 194) }
```

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

```
.background{ background-color: rgb(110, 72,  
194) }
```

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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