

Converting Colors

CIELCh(41, 35.751, 312.727)

Have a look what the booklet for
CIELCh(41, 35.751, 312.727)
contains.

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Color

CIELCh(41, 35.751, 312.727)

Conversions

Conversions Part 1

Format	Color
Hex	73548C
RGB	115, 84, 140
RGB Percent	45%, 33%, 55%
CMY	0.5492, 0.6708, 0.4512
CMYK	0.18, 0.40, 0.00, 0.45
HSL	273°, 25%, 44%
HSV	273°, 40%, 55%
XYZ	14.9577, 11.8645, 26.2893
YIQ	99.6530, 0.5000, 23.9880

Conversions

Conversions Part 2

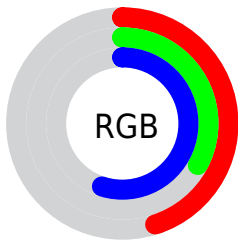
Format	Color
R_{YB}	115, 84, 140
Decimal	7558284
CIE Lab	41.00, 24.26, -26.26
CIE LCh	41, 35.751, 312.727
Yxy	11.8645, 0.2816, 0.2234
Android (android.graphics.Color)	4285748364 (0xFF73548C)
YUV	99.6530, 19.8911, 13.4593
Hunter-Lab	34.4449, 17.2347, -21.1403

Details

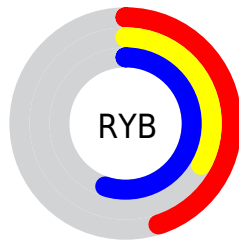
The CIELCh color $41, 35.751, 312.727$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 34.063, 129.123$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 35.913, 312.758$, and $21, 35.963, 312.357$ is the 20% darker color. If you saturate the color by 10%, you get $37, 44.865, 313.190$, and if you desaturate by 10%, it is $45, 26.595, 312.247$.

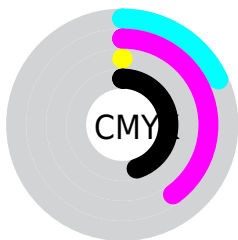
Distribution



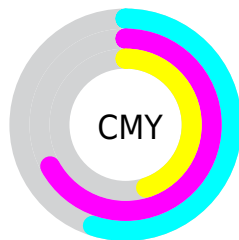
- Red (45%)
- Green (33%)
- Blue (55%)



- Red (45%)
- Yellow (33%)
- Blue (55%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (45%)





- Cyan (55%)
- Magenta (67%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 35.751, 312.727 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, 35.751, 312.727 by changing the saturation by 10% instead.


 41, 35.751,
312.727


 41, 35.751,
312.727


 100, 35.751,
312.727


 31, 35.751,
312.727

 61, 35.751,
312.727


 21, 35.751,
312.727

 71, 35.751,
312.727

 11, 35.751,
312.727

 81, 35.751,
312.727

 1, 35.751, 312.727

 91, 35.751,
312.727

 0, 35.751, 312.727

 41, 35.751,

 41, 35.751,

312.727

37, 44.865,
313.190

33, 53.713,
313.597

30, 61.949,
313.890

26, 69.097,
313.993

24, 74.613,
313.812

22, 78.767,
313.436

312.727

45, 26.595,
312.247

50, 17.541,
311.774

54, 8.668, 311.321

58, 0.018, 305.067

63, 8.391, 130.553

67, 16.552,
130.205

71, 24.470,
129.898

76, 32.151,
129.626

80, 39.606,

Harmonies

Complementary

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



41, 35.751, 312.727



55, 34.063, 129.123

Rectangle

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



41, 35.751, 312.727



41, 35.751, 2.727



41, 35.751, 132.727



41, 35.751, 182.727

Sweetspot

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



41, 35.750, 312.727



67, 12.856, 311.421



45, 19.868, 267.321



35, 8.606, 311.471



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41, 35.750, 312.727



48, 53.126, 313.146



44, 37.645, 327.963



27, 4.816, 311.283



20, 75.713, 313.493



0, 2.210, 310.915

Inverse Universe

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



43, 27.236, 350.730



51, 40.131, 352.021



53, 37.707, 142.847



27, 3.700, 347.362



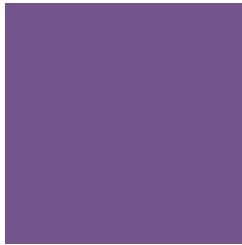
27, 51.958, 5.706



0, 1.696, 346.638

Previews

White Background



This preview shows how the CIELCh color 41, 35.751, 312.727 looks on a white background.

Color Contrast Check

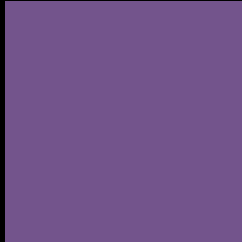
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.751, 312.727 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, 35.751, 312.727

Background



This preview shows how black text looks on a background with the CIELCh color 41, 35.751, 312.727.



This preview shows how white text looks on a background with the CIELCh color 41, 35.751, 312.727.

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, 35.751, 312.727

Protanopia

41, 32.940, 285.205

Deuteranopia

41, 25.695, 283.455



Tritanopia
41, 7.601, 346.603

Trichromacy



Original Color
41, 35.751, 312.727

Protanomaly
41, 33.413, 294.960

Deuteranomaly
41, 28.581, 295.659

Tritanomaly
41, 17.367, 320.933

Monochromacy



Original Color
41, 35.751, 312.727

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 13.512, 310.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 35.751, 312.727 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(115, 84, 140)` looks like.

```
.text, #text, p{  
    color:rgb(115, 84, 140)  
}
```

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(115, 84, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 84, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 35.751, 312.727 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(115, 84, 140) }
```

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

```
.border{ border-color:rgb(115, 84, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 84, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 84, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 84, 140);  
box-shadow:4px 4px 4px 4px rgb(115, 84,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 35.751, 312.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 84, 140) }
```

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

```
.background{ background-color: rgb(115, 84,  
140) }
```

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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