

Converting Colors

CIELCh(41, 43.305, 309.899)

Have a look what the booklet for
CIELCh(41, 43.305, 309.899)
contains.

CIELCh(41, 43.175, 310.182)	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, 43.175, 310.182)

Conversions

Conversions Part 1

Format	Color
Hex	725297
RGB	114, 82, 151
RGB Percent	45%, 32%, 59%
CMY	0.5526, 0.6781, 0.4075
CMYK	0.24, 0.46, 0.00, 0.41
HSL	268°, 30%, 46%
HSV	268°, 46%, 59%
XYZ	15.5641, 11.8645, 30.7810
YIQ	99.4340, -3.0770, 28.2430

Conversions

Conversions Part 2

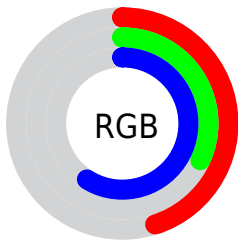
Format	Color
R_{YB}	114, 82, 151
Decimal	7492247
CIE _{Lab}	41.00, 27.86, -32.99
CIE _{LCh}	41, 43.175, 310.182
Yxy	11.8645, 0.2674, 0.2038
Android (android.graphics.Color)	4285682327 (0xFF725297)
YUV	99.4340, 25.4220, 12.7744
Hunter-Lab	34.4449, 20.3774, -28.8718

Details

The CIELCh color $41, 43.175, 310.182$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 40.213, 125.676$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 43.407, 309.967$, and $21, 43.300, 310.280$ is the 20% darker color. If you saturate the color by 10%, you get $37, 52.880, 310.741$, and if you desaturate by 10%, it is $46, 33.406, 309.607$.

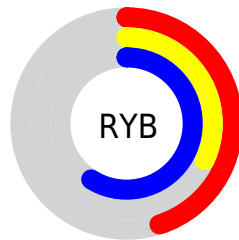
Distribution



Red (45%)

Green (32%)

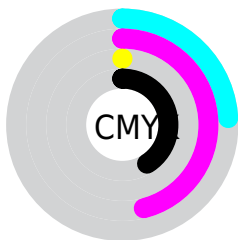
Blue (59%)



Red (45%)

Yellow (32%)

Blue (59%)

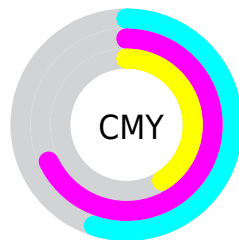


Cyan (24%)

Magenta (46%)

Yellow (0%)

Black (41%)



Cyan (55%)


Magenta (68%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 43.175, 310.182 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, 43.175, 310.182 by changing the saturation by 10% instead.


 41, 43.175,
310.182


 41, 43.175,
310.182


 100, 43.175,
310.182


 31, 43.175,
310.182

 61, 43.175,
310.182


 21, 43.175,
310.182


 71, 43.175,
310.182

 11, 43.175,
310.182


 81, 43.175,
310.182

 1, 43.175, 310.182

 91, 43.175,
310.182

 0, 43.175, 310.182

 41, 43.175,

 41, 43.175,

310.182

310.182

37, 52.880,
310.741

46, 33.406,
309.607

32, 62.231,
311.231

50, 23.750,
309.047

29, 70.767,
311.572

55, 14.301,
308.521

25, 77.862,
311.657

60, 5.106, 308.029

23, 82.937,
311.390

65, 3.817, 127.636

22, 84.943,
311.282

69, 12.464,
127.234

74, 20.840,
126.890

79, 28.956,
126.590

■ 83, 36.823,
126.328

Harmonies

Complementary

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



41, 43.175, 310.182



59, 40.213, 125.676

Rectangle

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



41, 43.175, 310.182



41, 43.175, 0.182



41, 43.175, 130.182



41, 43.175, 180.182

Sweetspot

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



41, 43.174, 310.182



71, 15.783, 308.450



49, 21.458, 257.568



36, 11.014, 308.551



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



41, 43.174, 310.182



48, 64.685, 310.764



45, 46.431, 325.304



30, 5.162, 308.202



20, 80.397, 311.356



1, 5.502, 307.516

Inverse Universe

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



44, 34.638, 346.110



53, 50.775, 347.526



57, 46.383, 139.875



30, 4.289, 342.431



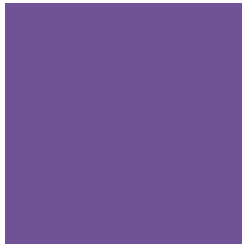
30, 54.900, 357.670



1, 4.560, 342.211

Previews

White Background



This preview shows how the CIE LCh color 41, 43.175, 310.182 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, 43.175, 310.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

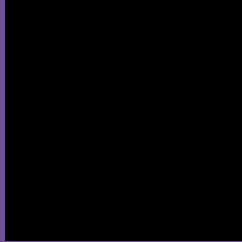
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 43.175, 310.182

Background



This preview shows how black text looks on a background with the CIELCh color 41, 43.175, 310.182.



This preview shows how white text looks on a background with the CIELCh color 41, 43.175, 310.182.

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, 43.175, 310.182

Protanopia

41, 40.783, 285.712

Deuteranopia

41, 31.414, 280.616



Tritanopia
41, 6.267, 337.661

Trichromacy



Original Color
41, 43.175, 310.182

Protanomaly
41, 41.232, 293.921

Deuteranomaly
41, 34.571, 292.486

Tritanomaly
41, 19.042, 314.169

Monochromacy



Original Color
41, 43.175, 310.182

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 16.519, 308.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 43.175, 310.182 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(114, 82, 151)` looks like.

```
.text, #text, p{  
    color:rgb(114, 82, 151)  
}
```

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(114, 82, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 82, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 43.175, 310.182 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(114, 82, 151) }
```

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

```
.border{ border-color:rgb(114, 82, 151) }
```

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

Here you see how a box with a 4 pixel rgb(114, 82, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 82, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 82, 151);  
box-shadow:4px 4px 4px 4px rgb(114, 82,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 43.175, 310.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 82, 151) }
```

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

```
.background{ background-color: rgb(114, 82,  
151) }
```

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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