

Converting Colors

CIELCh(41, 23.793, 339.985)

Have a look what the booklet for
CIELCh(41, 23.793, 339.985)
contains.

CIELCh(41, 23.793, 339.985)	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, 23.793, 339.985)

Conversions

Conversions Part 1

Format	Color
Hex	7E536E
RGB	126, 83, 110
RGB Percent	49%, 33%, 43%
CMY	0.5040, 0.6727, 0.5668
CMYK	0.00, 0.34, 0.13, 0.50
HSL	322°, 20%, 41%
HSV	322°, 34%, 50%
XYZ	14.6438, 11.8645, 16.4033
YIQ	98.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

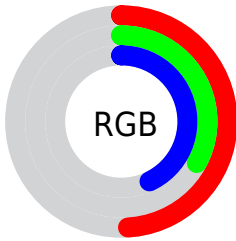
Format	Color
R_{YB}	126, 83, 110
Decimal	8278894
CIE _{Lab}	41.00, 22.36, -8.14
CIE _{LCh}	41, 23.793, 339.985
Yxy	11.8645, 0.3413, 0.2765
Android (android.graphics.Color)	4286468974 (0xFF7E536E)
YUV	98.9350, 5.4550, 23.7360
Hunter-Lab	34.4449, 15.6084, -4.1236

Details

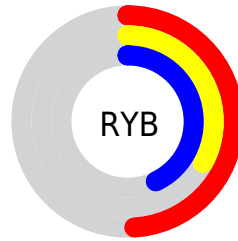
The CIELCh color $41, 23.793, 339.985$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 23.347, 154.531$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 23.912, 339.206$, and $21, 23.499, 340.663$ is the 20% darker color. If you saturate the color by 10%, you get $38, 30.591, 340.923$, and if you desaturate by 10%, it is $44, 16.786, 339.132$.

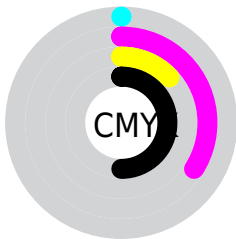
Distribution



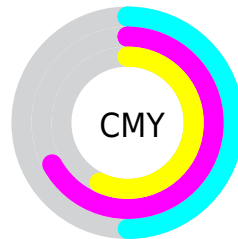
- Red (49%)
- Green (33%)
- Blue (43%)



- Red (49%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (50%)





- Cyan (50%)
- Magenta (67%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 23.793, 339.985 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, 23.793, 339.985 by changing the saturation by 10% instead.


 41, 23.793,
339.985


 41, 23.793,
339.985


 100, 23.793,
339.985


 31, 23.793,
339.985

 61, 23.793,
339.985


 21, 23.793,
339.985

 71, 23.793,
339.985

 11, 23.793,
339.985

 81, 23.793,
339.985

 1, 23.793, 339.985

 91, 23.793,
339.985

 0, 23.793, 339.985

 41, 23.793,

 41, 23.793,

339.985

38, 30.591,
340.923

35, 36.957,
341.969

32, 42.595,
343.164

30, 47.180,
344.565

29, 50.416,
346.248

27, 52.167,
348.301

27, 52.985,
349.589

339.985

44, 16.786,
339.132

48, 9.742, 338.340

52, 2.771, 337.550

55, 4.060, 157.032

59, 10.711,
156.362

63, 17.164,
155.763

66, 23.416,
155.206

70, 29.468,
154.684

74, 35.331,

Harmonies

Complementary

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



41, 23.793, 339.985



49, 23.347, 154.531

Rectangle

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



41, 23.793, 339.985



41, 23.793, 29.985



41, 23.793, 159.985



41, 23.793, 209.985

Sweetspot

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



41, 23.791, 339.986



63, 8.533, 338.050



39, 27.150, 306.269



32, 5.798, 338.137



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 23.791, 339.986



50, 35.165, 340.720



40, 19.223, 12.061



25, 3.926, 337.963



27, 53.283, 349.613



0, 0.000, 0.000

Inverse Universe

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



41, 23.791, 339.986



50, 35.165, 340.720



50, 16.277, 185.715



25, 3.926, 337.963



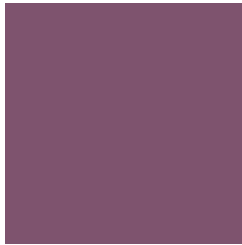
27, 53.283, 349.613



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 23.793, 339.985 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, 23.793, 339.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

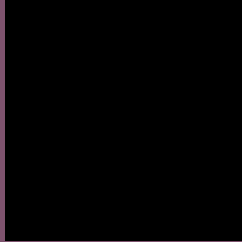
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 23.793, 339.985

Background



This preview shows how black text looks on a background with the CIELCh color 41, 23.793, 339.985.



This preview shows how white text looks on a background with the CIELCh color 41, 23.793, 339.985.

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, 23.793, 339.985

Protanopia

41, 14.001, 286.098

Deuteranopia

41, 9.003, 309.614



Tritanopia
41, 16.471, 9.259

Trichromacy



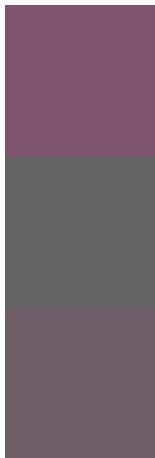
Original Color
41, 23.793, 339.985

Protanomaly
41, 16.240, 312.042

Deuteranomaly
41, 14.147, 326.761

Tritanomaly
41, 18.272, 356.939

Monochromacy



Original Color
41, 23.793, 339.985

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 9.013, 338.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 23.793, 339.985 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(126, 83, 110)` looks like.

```
.text, #text, p{  
    color:rgb(126, 83, 110)  
}
```

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(126, 83, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 83, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 23.793, 339.985 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(126, 83, 110) }
```

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

```
.border{ border-color:rgb(126, 83, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 83, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 83, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 83, 110);  
box-shadow:4px 4px 4px 4px rgb(126, 83,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 23.793, 339.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 83, 110) }
```

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

```
.background{ background-color: rgb(126, 83,  
110) }
```

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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