

Converting Colors

CIELCh(40, 23.754, 338.144)

Have a look what the booklet for
CIELCh(40, 23.754, 338.144)
contains.

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Color

CIELCh(40, 23.951, 338.158)

Conversions

Conversions Part 1

Format	Color
Hex	7B516D
RGB	123, 81, 109
RGB Percent	48%, 32%, 43%
CMY	0.5168, 0.6815, 0.5717
CMYK	0.00, 0.34, 0.11, 0.52
HSL	320°, 21%, 40%
HSV	320°, 34%, 48%
XYZ	13.9290, 11.2510, 15.9649
YIQ	96.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

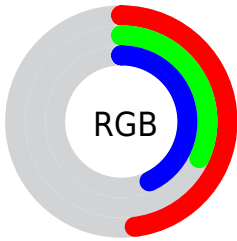
Format	Color
R_{YB}	123, 81, 109
Decimal	8081773
CIE _{Lab}	40.00, 22.23, -8.91
CIE _{LCh}	40, 23.951, 338.158
Yxy	11.2510, 0.3385, 0.2734
Android (android.graphics.Color)	4286271853 (0xFF7B516D)
YUV	96.7500, 6.0393, 23.0212
Hunter-Lab	33.5425, 15.4252, -4.7400

Details

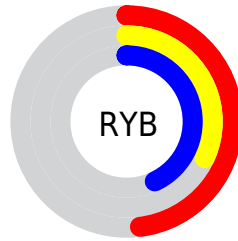
The CIELCh color $40, 23.951, 338.158$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $48, 23.608, 152.912$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 23.689, 338.540$, and $20, 24.098, 337.389$ is the 20% darker color. If you saturate the color by 10%, you get $37, 30.756, 339.025$, and if you desaturate by 10%, it is $43, 16.926, 337.359$.

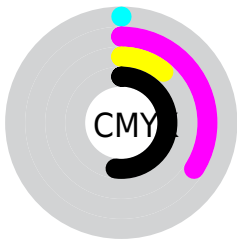
Distribution



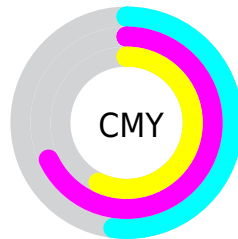
- Red (48%)
- Green (32%)
- Blue (43%)



- Red (48%)
- Yellow (32%)
- Blue (43%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (52%)





- Cyan (52%)
- Magenta (68%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 23.951, 338.158 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 40, 23.951, 338.158 by changing the saturation by 10% instead.


 40, 23.951,
338.158


 40, 23.951,
338.158


 100, 23.951,
338.158


 30, 23.951,
338.158

 60, 23.951,
338.158


 20, 23.951,
338.158

 70, 23.951,
338.158

 10, 23.951,
338.158

 80, 23.951,
338.158

 0, 23.951, 338.158

 90, 23.951,
338.158

 40, 23.951,

 40, 23.951,

338.158

37, 30.756,
339.025

34, 37.117,
339.977

32, 42.745,
341.046

30, 47.321,
342.277

28, 50.553,
343.730

27, 52.315,
345.475

26, 53.145,
346.546

338.158

43, 16.926,
337.359

47, 9.853, 336.609

50, 2.841, 335.857

54, 4.037, 155.354

57, 10.743,
154.707

61, 17.256,
154.125

65, 23.571,
153.581

69, 29.688,
153.071

72, 35.617,

Harmonies

Complementary

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



40, 23.951, 338.158



48, 23.608, 152.912

Rectangle

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



40, 23.951, 338.158



40, 23.951, 28.158



40, 23.951, 158.158



40, 23.951, 208.158

Sweetspot

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



40, 23.949, 338.159



62, 8.660, 336.328



37, 26.540, 305.163



32, 5.960, 336.413



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



40, 23.949, 338.159



49, 35.605, 338.837



39, 18.914, 9.512



24, 3.901, 336.242



27, 53.666, 346.581



56, 89.426, 347.929

Inverse Universe

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



40, 23.949, 338.159



49, 35.605, 338.837



49, 16.256, 182.904



24, 3.901, 336.242



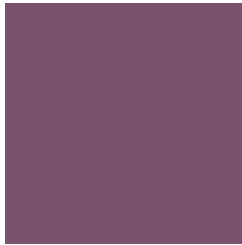
27, 53.666, 346.581



56, 89.426, 347.929

Previews

White Background



This preview shows how the CIELCh color 40, 23.951, 338.158 looks on a white background.

Color Contrast Check

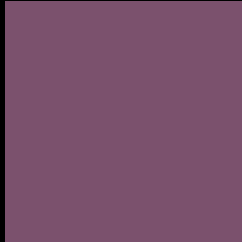
Large Text (above 18pt) WCAG AA ✓ Pass

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 40, 23.951, 338.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

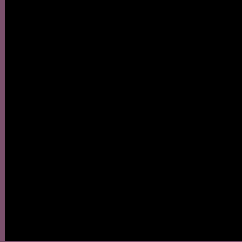
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 23.951, 338.158

Background



This preview shows how black text looks on a background with the CIELCh color 40, 23.951, 338.158.

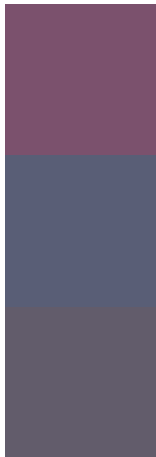


This preview shows how white text looks on a background with the CIELCh color 40, 23.951, 338.158.

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

40, 23.951, 338.158

Protanopia

40, 14.688, 285.085

Deuteranopia

40, 9.503, 306.179



Tritanopia
40, 16.101, 8.893

Trichromacy



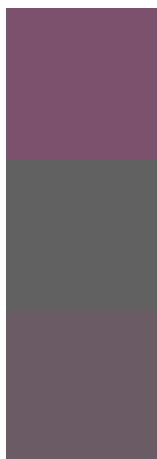
Original Color
40, 23.951, 338.158

Protanomaly
40, 16.636, 308.773

Deuteranomaly
40, 14.468, 323.988

Tritanomaly
40, 18.162, 354.551

Monochromacy



Original Color
40, 23.951, 338.158

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 9.044, 338.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 23.951, 338.158 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(123, 81, 109)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 109)  
}
```

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(123, 81, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 23.951, 338.158 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(123, 81, 109) }
```

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

```
.border{ border-color:rgb(123, 81, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 81, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 109);  
box-shadow:4px 4px 4px 4px rgb(123, 81,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 23.951, 338.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 109) }
```

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

```
.background{ background-color: rgb(123, 81,  
109) }
```

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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