

Converting Colors

CIELCh(40, 10.679, 339.096)

Have a look what the booklet for
CIELCh(40, 10.679, 339.096)
contains.

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Color

CIELCh(40, 10.791, 338.416)

Conversions

Conversions Part 1

Format	Color
Hex	6C5965
RGB	108, 89, 101
RGB Percent	42%, 35%, 40%
CMY	0.5768, 0.6513, 0.6043
CMYK	0.00, 0.18, 0.06, 0.58
HSL	322°, 10%, 39%
HSV	322°, 18%, 42%
XYZ	12.0836, 11.2510, 13.8244
YIQ	96.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

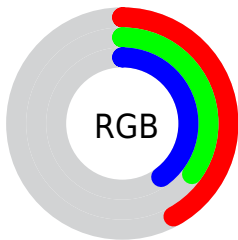
Format	Color
R_{YB}	108, 89, 101
Decimal	7100773
CIE _{Lab}	40.00, 10.03, -3.97
CIE _{LCh}	40, 10.791, 338.416
Yxy	11.2510, 0.3252, 0.3028
Android (android.graphics.Color)	4285290853 (0xFF6C5965)
YUV	96.0490, 2.4408, 10.4810
Hunter-Lab	33.5425, 5.6047, -0.9563

Details

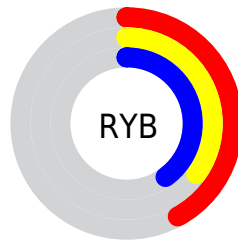
The CIELCh color $40, 10.791, 338.416$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 10.675, 155.918$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 10.982, 338.692$, and $20, 10.824, 338.355$ is the 20% darker color. If you saturate the color by 10%, you get $37, 16.989, 339.209$, and if you desaturate by 10%, it is $43, 4.625, 337.663$.

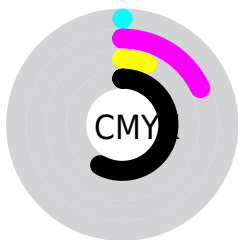
Distribution



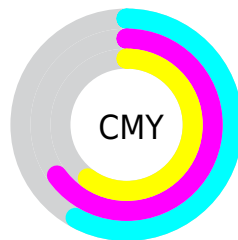
- Red (42%)
- Green (35%)
- Blue (40%)



- Red (42%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (58%)





- Cyan (58%)
- Magenta (65%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 10.791, 338.416 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, 10.791, 338.416 by changing the saturation by 10% instead.


 40, 10.791,
338.416


 40, 10.791,
338.416


 100, 10.791,
338.416


 30, 10.791,
338.416

 60, 10.791,
338.416


 20, 10.791,
338.416

 70, 10.791,
338.416


 10, 10.791,
338.416

 80, 10.791,
338.416

 0, 10.791, 338.416

 90, 10.791,
338.416

 40, 10.791,

 40, 10.791,

338.416

37, 16.989,
339.209

34, 23.115,
340.065

31, 29.010,
341.006

29, 34.463,
342.060

27, 39.213,
343.267

25, 42.985,
344.684

24, 45.543,
346.388

23, 47.150,
348.343

338.416

43, 4.625, 337.663

46, 1.436, 157.196

50, 7.352, 156.434

53, 13.101,
155.827

56, 18.677,
155.265

60, 24.079,
154.738

63, 29.313,
154.244

66, 34.388,
153.780

70, 39.313,

■ 22, 47.554,
348.800

153.343

Harmonies

Complementary

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



40, 10.791, 338.416



44, 10.675, 155.918

Rectangle

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



40, 10.791, 338.416



40, 10.791, 28.416



40, 10.791, 158.416



40, 10.791, 208.416

Sweetspot

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



40, 10.790, 338.418



56, 3.764, 337.468



39, 12.021, 305.201



29, 2.589, 337.511



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 10.790, 338.418



50, 15.995, 338.725



40, 8.348, 9.983



21, 3.401, 337.766



25, 50.371, 349.063



54, 85.739, 350.772

Inverse Universe

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



40, 10.790, 338.418



50, 15.995, 338.725



44, 7.706, 187.130



21, 3.401, 337.766



25, 50.371, 349.063



54, 85.739, 350.772

Previews

White Background



This preview shows how the CIELCh color 40, 10.791, 338.416 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, 10.791, 338.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

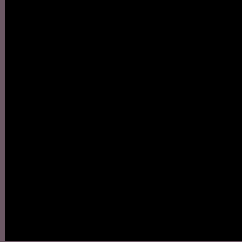
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 10.791, 338.416

Background



This preview shows how black text looks on a background with the CIELCh color 40, 10.791, 338.416.

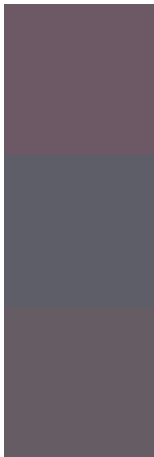


This preview shows how white text looks on a background with the CIELCh color 40, 10.791, 338.416.

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, 10.791, 338.416

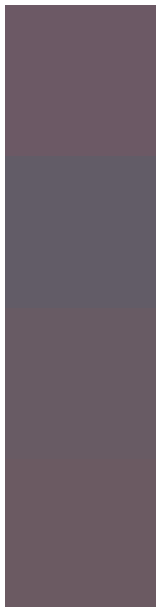
Protanopia
40, 6.103, 287.347

Deuteranopia
40, 6.170, 328.067



Tritanopia
40, 8.362, 350.056

Trichromacy



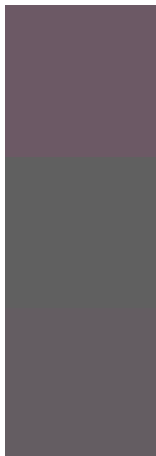
Original Color
40, 10.791, 338.416

Protanomaly
40, 7.179, 311.062

Deuteranomaly
40, 7.731, 335.384

Tritanomaly
40, 8.669, 346.560

Monochromacy



Original Color
40, 10.791, 338.416

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 4.241, 334.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 10.791, 338.416 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(108, 89, 101)` looks like.

```
.text, #text, p{  
    color:rgb(108, 89, 101)  
}
```

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(108, 89, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 89, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 10.791, 338.416 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(108, 89, 101) }
```

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

```
.border{ border-color:rgb(108, 89, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 89, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 89, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 89, 101);  
box-shadow:4px 4px 4px 4px rgb(108, 89,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 10.791, 338.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 89, 101) }
```

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

```
.background{ background-color: rgb(108, 89,  
101) }
```

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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