

Converting Colors

CIELCh(39, 10.678, 123.306)

Have a look what the booklet for
CIELCh(39, 10.678, 123.306)
contains.

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Color

CIELCh(39, 10.678, 122.889)

Conversions

Conversions Part 1

Format	Color
Hex	585E4D
RGB	88, 94, 77
RGB Percent	35%, 37%, 30%
CMY	0.6542, 0.6307, 0.6974
CMYK	0.06, 0.00, 0.18, 0.63
HSL	81°, 10%, 34%
HSV	81°, 18%, 37%
XYZ	9.4057, 10.6589, 8.6151
YIQ	90.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

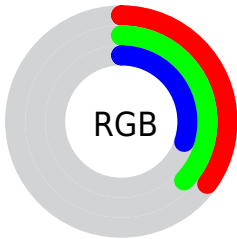
Format	Color
R_{YB}	77, 94, 83
Decimal	5791309
CIE Lab	39.00, -5.80, 8.97
CIE LCh	39, 10.678, 122.889
Yxy	10.6589, 0.3280, 0.3717
Android (android.graphics.Color)	4283981389 (0xFF585E4D)
YUV	90.2680, -6.5411, -1.9890
Hunter-Lab	32.6480, -5.7094, 7.2084

Details

The CIELCh color **39, 10.678, 122.889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34, 11.004, 304.728**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 10.446, 122.395**, and **19, 10.604, 124.201** is the 20% darker color. If you saturate the color by 10%, you get **39, 16.552, 122.383**, and if you desaturate by 10%, it is **40, 4.765, 123.396**.

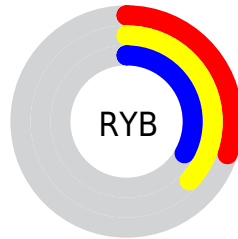
Distribution



 Red (35%)

 Green (37%)

 Blue (30%)



 Red (30%)

 Yellow (37%)

 Blue (33%)

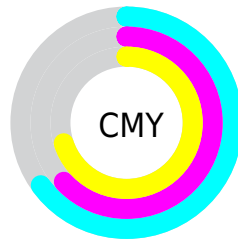


 Cyan (6%)

 Magenta (0%)

 Yellow (18%)

 Black (63%)



 Cyan (65%)


 Magenta (63%)


 Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 10.678, 122.889 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 39, 10.678, 122.889 by changing the saturation by 10% instead.


 39, 10.678,
122.889


 39, 10.678,
122.889

 100, 10.678,
122.889


 29, 10.678,
122.889

 59, 10.678,
122.889


 19, 10.678,
122.889


 69, 10.678,
122.889

 9, 10.678, 122.889

 79, 10.678,
122.889

 0, 10.678, 122.889

 89, 10.678,
122.889

 99, 10.678,
122.889

■ 39, 10.678,
122.889

■ 39, 10.678,
122.889

■ 39, 16.552,
122.383

■ 40, 4.765, 123.396

■ 40, 1.155, 303.835

■ 38, 22.335,
121.881

■ 41, 7.056, 304.319

■ 38, 27.958,
121.414

■ 41, 12.919,
304.749

■ 37, 33.318,
121.018

■ 42, 18.731,
305.148

■ 37, 38.273,
120.750

■ 43, 24.482,
305.516

■ 37, 42.628,
120.687

■ 43, 30.165,
305.856

■ 36, 46.156,
120.922

■ 44, 35.773,
306.168

■ 36, 49.176,

121.284

■ 45, 41.303,
306.453

■ 36, 49.797,
121.323

Harmonies

Complementary

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



39, 10.678, 122.889



34, 11.004, 304.728

Rectangle

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



39, 10.678, 122.889



39, 10.678, 172.889



39, 10.678, 302.889



39, 10.678, 352.889

Sweetspot

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



39, 10.679, 122.892



51, 3.666, 123.543



36, 6.177, 56.315



26, 2.478, 123.520



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 10.679, 122.892



50, 16.130, 122.657



38, 12.170, 139.434



19, 3.244, 123.359



42, 55.523, 121.606



86, 98.557, 122.587

Inverse Universe

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



34, 11.004, 304.728



42, 16.753, 305.004



35, 12.245, 321.049



17, 3.295, 304.210



13, 68.673, 309.567



34, 121.981, 308.925

Previews

White Background



This preview shows how the CIE LCh color 39, 10.678, 122.889 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 39, 10.678, 122.889 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

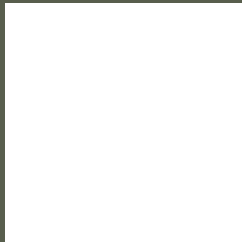
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 10.678, 122.889

Background



This preview shows how black text looks on a background with the CIELCh color 39, 10.678, 122.889.

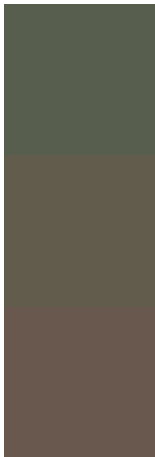


This preview shows how white text looks on a background with the CIELCh color 39, 10.678, 122.889.

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


39, 10.678, 122.889

Protanopia

39, 9.990, 95.614

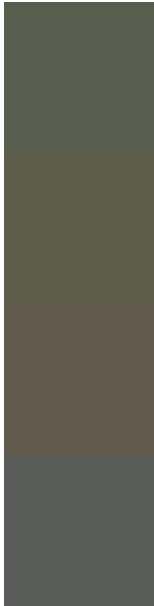
Deuteranopia

39, 9.880, 58.066



Tritanopia
39, 4.293, 290.856

Trichromacy



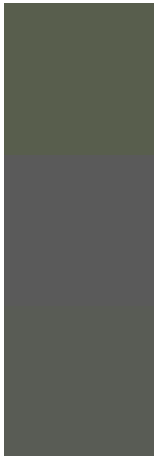
Original Color
39, 10.678, 122.889

Protanomaly
39, 10.334, 106.061

Deuteranomaly
39, 8.376, 80.176

Tritanomaly
39, 1.491, 144.429

Monochromacy



Original Color
39, 10.678, 122.889

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 4.477, 126.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 10.678, 122.889 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(88, 94, 77)` looks like.

```
.text, #text, p{  
    color:rgb(88, 94, 77)  
}
```

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(88, 94, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 94, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 10.678, 122.889 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(88, 94, 77) }
```

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

```
.border{ border-color:rgb(88, 94, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 94, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 94, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 94, 77);  
box-shadow:4px 4px 4px 4px rgb(88, 94, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 10.678, 122.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 94, 77) }
```

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

```
.background{ background-color: rgb(88, 94,  
77) }
```

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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