

Converting Colors

CIELCh(39, 10.791, 88.215)

Have a look what the booklet for
CIELCh(39, 10.791, 88.215) contains.

CIELCh(39, 10.985, 89.188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 10.985, 89.188)

Conversions

Conversions Part 1

Format	Color
Hex	635B4A
RGB	99, 91, 74
RGB Percent	39%, 36%, 29%
CMY	0.6113, 0.6426, 0.7093
CMYK	0.00, 0.08, 0.25, 0.61
HSL	41°, 14%, 34%
HSV	41°, 25%, 39%
XYZ	10.1510, 10.6589, 8.0220
YIQ	91.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

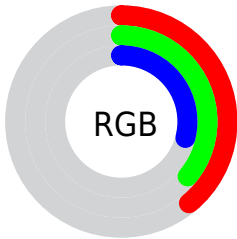
Format	Color
RYB	86, 99, 74
Decimal	6511434
CIELab	39.00, 0.16, 10.98
CIELCh	39, 10.985, 89.188
Yxy	10.6589, 0.3521, 0.3697
Android (android.graphics.Color)	4284701514 (0xFF635B4A)
YUV	91.4540, -8.6048, 6.6178
Hunter-Lab	32.6480, -1.6346, 8.2854

Details

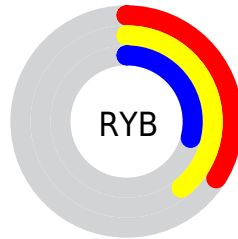
The CIELCh color **39, 10.985, 89.188** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 10.969, 275.612**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 10.811, 88.901**, and **19, 10.892, 87.742** is the 20% darker color. If you saturate the color by 10%, you get **38, 15.468, 87.956**, and if you desaturate by 10%, it is **40, 6.570, 90.395**.

Distribution



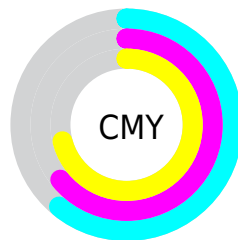
- Red (39%)
- Green (36%)
- Blue (29%)



- Red (34%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (25%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 10.985, 89.188 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, 10.985, 89.188 by changing the saturation by 10% instead.

■ 39, 10.985, 89.188

■ 39, 10.985, 89.188

■ 100, 10.985,
89.188

■ 29, 10.985, 89.188

■ 59, 10.985, 89.188

■ 19, 10.985, 89.188

■ 69, 10.985, 89.188

■ 9, 10.985, 89.188

■ 79, 10.985, 89.188

■ 0, 10.985, 89.188

■ 89, 10.985, 89.188

■ 99, 10.985, 89.188

■ 39, 10.985, 89.188

■ 39, 10.985, 89.188

■ 38, 15.468, 87.956

■ 40, 6.570, 90.395

37, 19.991, 86.682

41, 2.231, 91.523

36, 24.507, 85.370

43, 2.029, 272.784

35, 28.923, 84.010

44, 6.210, 273.823

34, 33.079, 82.575

45, 10.317,
274.855

33, 36.713, 81.005

46, 14.354,
275.845

32, 39.740, 79.309

48, 18.326,
276.790

31, 41.410, 78.633

49, 22.238,
277.690

50, 26.095,
278.545

Harmonies

Complementary

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



39, 10.985, 89.188



35, 10.969, 275.612

Rectangle

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



39, 10.985, 89.188



39, 10.985, 139.188



39, 10.985, 269.188



39, 10.985, 319.188

Sweetspot

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



39, 10.986, 89.195



53, 4.284, 91.198



34, 12.107, 356.117



27, 3.072, 91.065



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 10.986, 89.195



50, 16.411, 88.495



41, 15.115, 114.997



19, 2.360, 91.129



35, 45.177, 78.221



73, 78.803, 76.411

Inverse Universe

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



35, 10.969, 275.612



44, 16.383, 276.569



33, 15.929, 298.698



19, 2.364, 273.278



18, 52.010, 295.666



40, 96.955, 297.913

Previews

White Background



This preview shows how the CIE LCh color 39, 10.985, 89.188 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, 10.985, 89.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

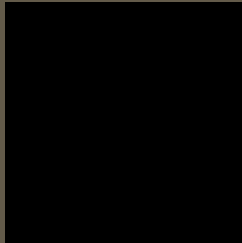
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 10.985, 89.188

Background



This preview shows how black text looks on a background with the CIELCh color 39, 10.985, 89.188.

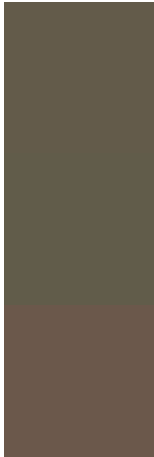


This preview shows how white text looks on a background with the CIELCh color 39, 10.985, 89.188.

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, 10.985, 89.188

Protanopia

39, 11.177, 96.744

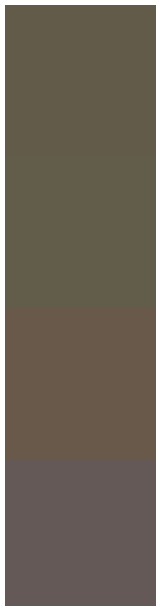
Deuteranopia

39, 11.871, 61.748



Tritanopia
39, 7.320, 344.710

Trichromacy



Original Color
39, 10.985, 89.188

Protanomaly
39, 11.280, 94.473

Deuteranomaly
39, 11.009, 70.345

Tritanomaly
39, 5.366, 33.138

Monochromacy



Original Color
39, 10.985, 89.188

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 4.453, 92.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 10.985, 89.188 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(99, 91, 74)` looks like.

```
.text, #text, p{  
    color:rgb(99, 91, 74)  
}
```

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(99, 91, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 91, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 10.985, 89.188 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(99, 91, 74) }
```

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

```
.border{ border-color:rgb(99, 91, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 91, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 91, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 91, 74);  
box-shadow:4px 4px 4px 4px rgb(99, 91, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 10.985, 89.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 91, 74) }
```

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

```
.background{ background-color: rgb(99, 91,  
74) }
```

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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