

Converting Colors

CIELCh(39, 26.728, 103.872)

Have a look what the booklet for
CIELCh(39, 26.728, 103.872)
contains.

CIELCh(39, 26.728, 103.872)	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(39, 26.728, 103.872)

Conversions

Conversions Part 1

Format	Color
Hex	605E31
RGB	96, 94, 49
RGB Percent	38%, 37%, 19%
CMY	0.6245, 0.6323, 0.8087
CMYK	0.00, 0.02, 0.49, 0.62
HSL	57°, 32%, 28%
HSV	57°, 49%, 38%
XYZ	9.3315, 10.6589, 4.4477
YIQ	89.4680, 15.6370, -13.5710

Conversions

Conversions Part 2

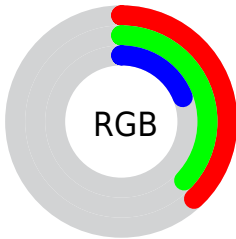
Format	Color
R_{YB}	51, 96, 49
Decimal	6315569
CIE Lab	39.00, -6.41, 25.95
CIE LCh	39, 26.728, 103.872
Yxy	10.6589, 0.3818, 0.4362
Android (android.graphics.Color)	4284505649 (0xFF605E31)
YUV	89.4680, -19.9507, 5.7286
Hunter-Lab	32.6480, -6.1152, 14.7765

Details

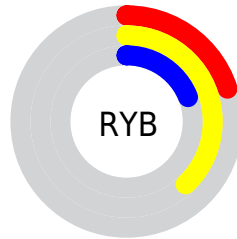
The CIELCh color $39, 26.728, 103.872$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $23, 29.930, 295.037$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 26.802, 103.337$, and $19, 26.475, 104.076$ is the 20% darker color. If you saturate the color by 10%, you get $39, 31.700, 103.003$, and if you desaturate by 10%, it is $39, 21.486, 104.788$.

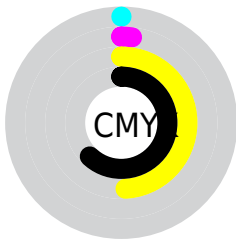
Distribution



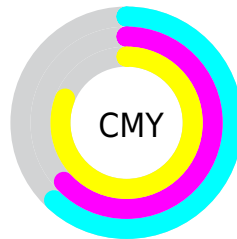
- Red (38%)
- Green (37%)
- Blue (19%)



- Red (20%)
- Yellow (38%)
- Blue (19%)



- Cyan (0%)
- Magenta (2%)
- Yellow (49%)
- Black (62%)





- Cyan (62%)
- Magenta (63%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 26.728, 103.872 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, 26.728, 103.872 by changing the saturation by 10% instead.


 39, 26.728,
103.872


 39, 26.728,
103.872

 100, 26.728,
103.872


 29, 26.728,
103.872

 59, 26.728,
103.872


 19, 26.728,
103.872


 69, 26.728,
103.872

 9, 26.728, 103.872

 79, 26.728,
103.872

 0, 26.728, 103.872

 89, 26.728,
103.872

 99, 26.728,
103.872

■ 39, 26.728,
103.872

■ 39, 26.728,
103.872

■ 39, 31.700,
103.003

■ 39, 21.486,
104.788

■ 39, 36.242,
102.195

■ 40, 16.079,
105.722

■ 38, 40.139,
101.477

■ 40, 10.580,
106.662

■ 38, 43.136,
100.874

■ 40, 5.033, 107.592

■ 38, 45.692,
100.334

■ 41, 0.532, 288.612

■ 38, 45.952,
100.283

■ 41, 6.094, 289.427

■ 42, 11.642,
290.292

■ 42, 17.166,
291.126

■ 43, 22.659,
291.925

Harmonies

Complementary

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



39, 26.728, 103.872



23, 29.930, 295.037

Rectangle

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



39, 26.728, 103.872



39, 26.728, 153.872



39, 26.728, 283.872



39, 26.728, 333.872

Sweetspot

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



39, 26.729, 103.875



52, 10.373, 106.998



26, 22.945, 20.618



26, 7.131, 106.862



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 26.729, 103.875



50, 39.289, 102.856



38, 29.564, 125.119



20, 3.148, 107.608



44, 51.350, 100.232



89, 89.603, 100.060

Inverse Universe

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



23, 29.930, 295.037



26, 45.803, 297.375



25, 31.877, 309.813



18, 3.205, 289.313



11, 70.668, 305.372



31, 125.993, 305.919

Previews

White Background



This preview shows how the CIELCh color 39, 26.728, 103.872 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, 26.728, 103.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

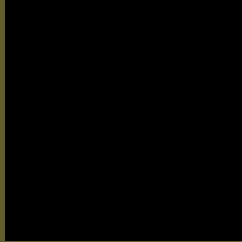
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 26.728, 103.872

Background



This preview shows how black text looks on a background with the CIELCh color 39, 26.728, 103.872.



This preview shows how white text looks on a background with the CIELCh color 39, 26.728, 103.872.

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, 26.728, 103.872

Protanopia

39, 26.626, 96.487

Deuteranopia

39, 26.063, 79.504



Tritanopia
39, 6.273, 344.549

Trichromacy



Original Color
39, 26.728, 103.872

Protanomaly
39, 26.921, 99.697

Deuteranomaly
39, 25.389, 88.339

Tritanomaly
39, 8.705, 84.569

Monochromacy



Original Color
39, 26.728, 103.872

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 10.366, 108.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 26.728, 103.872 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(96, 94, 49)` looks like.

```
.text, #text, p{  
    color:rgb(96, 94, 49)  
}
```

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(96, 94, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 94, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 26.728, 103.872 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(96, 94, 49) }
```

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

```
.border{ border-color:rgb(96, 94, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 94, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 94, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 94, 49);  
box-shadow:4px 4px 4px 4px rgb(96, 94, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 26.728, 103.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 94, 49) }
```

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

```
.background{ background-color: rgb(96, 94,  
49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor