

Converting Colors

CIELCh(39, 12.711, 186.602)

Have a look what the booklet for
CIELCh(39, 12.711, 186.602)
contains.

CIELCh(39, 12.699, 186.626)	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, 12.699, 186.626)

Conversions

Conversions Part 1

Format	Color
Hex	42625E
RGB	66, 98, 94
RGB Percent	26%, 38%, 37%
CMY	0.7419, 0.6164, 0.6321
CMYK	0.33, 0.00, 0.04, 0.62
HSL	173°, 20%, 32%
HSV	173°, 33%, 38%
XYZ	8.5983, 10.6589, 12.1521
YIQ	87.9760, -17.7880, -8.0280

Conversions

Conversions Part 2

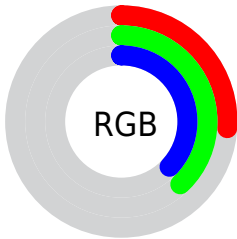
Format	Color
RYB	66, 83, 98
Decimal	4350558
CIELab	39.00, -12.61, -1.47
CIElCh	39, 12.699, 186.626
Yxy	10.6589, 0.2738, 0.3394
Android (android.graphics.Color)	4282540638 (0xFF42625E)
YUV	87.9760, 2.9698, -19.2730
Hunter-Lab	32.6480, -10.1234, 0.7849

Details

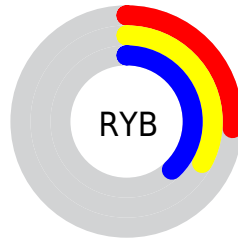
The CIELCh color **39, 12.699, 186.626** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 14.870, 12.383**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 12.929, 185.501**, and **19, 12.482, 187.423** is the 20% darker color. If you saturate the color by 10%, you get **38, 16.070, 185.794**, and if you desaturate by 10%, it is **40, 9.044, 187.429**.

Distribution



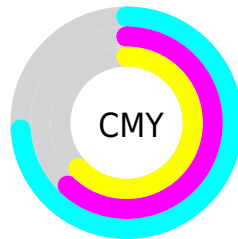
- Red (26%)
- Green (38%)
- Blue (37%)



- Red (26%)
- Yellow (33%)
- Blue (38%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (62%)



- Cyan (74%)
- Magenta (62%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 12.699, 186.626 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, 12.699, 186.626 by changing the saturation by 10% instead.


 39, 12.699,
186.626


 39, 12.699,
186.626

 100, 12.699,
186.626


 29, 12.699,
186.626

 59, 12.699,
186.626


 19, 12.699,
186.626

 69, 12.699,
186.626

 9, 12.699, 186.626

 79, 12.699,
186.626

 0, 12.699, 186.626

 89, 12.699,
186.626

 99, 12.699,
186.626

■ 39, 12.699,
186.626

■ 39, 12.699,
186.626

■ 38, 16.070,
185.794

■ 40, 9.044, 187.429

■ 40, 5.164, 188.230

■ 38, 19.097,
184.930

■ 41, 1.116, 189.209

■ 38, 21.726,
184.019

■ 42, 3.048, 9.564

■ 37, 23.917,
183.048

■ 43, 7.285, 10.353

■ 44, 11.557, 11.084

■ 37, 25.650,
181.998

■ 45, 15.836, 11.793

■ 37, 26.950,
180.864

■ 46, 20.100, 12.485

■ 48, 24.330, 13.160

■ 37, 27.833,
180.063

Harmonies

Complementary

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



39, 12.699, 186.626



32, 14.870, 12.383

Rectangle

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



39, 12.699, 186.626



39, 12.699, 236.626



39, 12.699, 6.626



39, 12.699, 56.626

Sweetspot

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



39, 12.699, 186.623



52, 5.074, 188.428



39, 22.884, 139.006



26, 3.426, 188.349



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, 12.699, 186.623



50, 18.404, 186.007



35, 10.374, 243.736



20, 2.276, 188.548



42, 30.729, 179.828



85, 54.196, 178.916

Inverse Universe

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



32, 14.870, 12.383



39, 22.438, 13.469



35, 12.117, 57.125



18, 2.368, 9.760



22, 51.817, 31.790



50, 94.021, 35.286

Previews

White Background



This preview shows how the CIELCh color 39, 12.699, 186.626 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, 12.699, 186.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

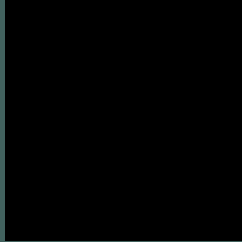
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 12.699, 186.626

Background



This preview shows how black text looks on a background with the CIELCh color 39, 12.699, 186.626.



This preview shows how white text looks on a background with the CIELCh color 39, 12.699, 186.626.

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, 12.699, 186.626

Protanopia
39, 1.038, 55.192

Deuteranopia
39, 6.021, 334.896



Tritanopia
39, 11.330, 224.074

Trichromacy



Original Color
39, 12.699, 186.626

Protanomaly
39, 4.333, 182.431

Deuteranomaly
39, 2.729, 241.743

Tritanomaly
39, 11.414, 207.377

Monochromacy



Original Color
39, 12.699, 186.626

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 5.118, 184.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 12.699, 186.626 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(66, 98, 94)` looks like.

```
.text, #text, p{  
    color:rgb(66, 98, 94)  
}
```

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(66, 98, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 98, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 12.699, 186.626 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(66, 98, 94) }
```

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

```
.border{ border-color:rgb(66, 98, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 98, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 98, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 98, 94);  
box-shadow:4px 4px 4px 4px rgb(66, 98, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 12.699, 186.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 98, 94) }
```

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

```
.background{ background-color: rgb(66, 98,  
94) }
```

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