

Converting Colors

CIELCh(39, 12.519, 344.041)

Have a look what the booklet for
CIELCh(39, 12.519, 344.041)
contains.

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Color

CIELCh(39, 12.840, 343.214)

Conversions

Conversions Part 1

Format	Color
Hex	6D5562
RGB	109, 85, 98
RGB Percent	43%, 33%, 38%
CMY	0.5721, 0.6662, 0.6152
CMYK	0.00, 0.22, 0.10, 0.57
HSL	328°, 12%, 38%
HSV	328°, 22%, 43%
XYZ	11.7901, 10.6589, 13.0212
YIQ	93.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

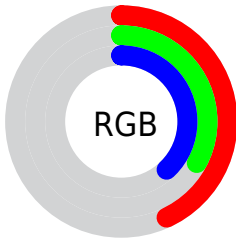
Format	Color
R_{YB}	109, 85, 98
Decimal	7165282
CIE _{Lab}	39.00, 12.29, -3.71
CIE _{LCh}	39, 12.840, 343.214
Yxy	10.6589, 0.3324, 0.3005
Android (android.graphics.Color)	4285355362 (0xFF6D5562)
YUV	93.6580, 2.1406, 13.4549
Hunter-Lab	32.6480, 7.3273, -0.7934

Details

The CIELCh color $[39, 12.840, 343.214]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[44, 12.570, 159.709]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 12.884, 342.923]$, and $[19, 12.692, 342.535]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 18.754, 344.154]$, and if you desaturate by 10%, it is $[42, 6.943, 342.357]$.

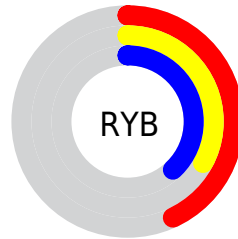
Distribution



Red (43%)

Green (33%)

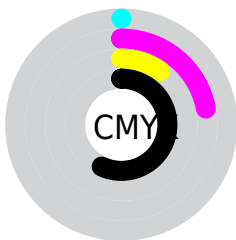
Blue (38%)



Red (43%)

Yellow (33%)

Blue (38%)

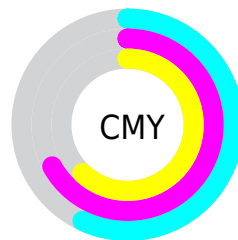


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (57%)



Cyan (57%)


Magenta (67%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 12.840, 343.214 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, 12.840, 343.214 by changing the saturation by 10% instead.


 39, 12.840,
343.214


 39, 12.840,
343.214

 100, 12.840,
343.214


 29, 12.840,
343.214

 59, 12.840,
343.214


 19, 12.840,
343.214


 69, 12.840,
343.214

 9, 12.840, 343.214

 79, 12.840,
343.214

 0, 12.840, 343.214

 89, 12.840,
343.214

 99, 12.840,
343.214

39, 12.840,
343.214

39, 12.840,
343.214

36, 18.754,
344.154

42, 6.943, 342.357

33, 24.568,
345.203

45, 1.145, 341.404

49, 4.509, 160.972

30, 30.110,
346.400

52, 9.996, 160.286

28, 35.151,
347.796

55, 15.308,
159.669

26, 39.424,
349.464

59, 20.444,
159.098

24, 42.668,
351.504

62, 25.410,
158.566

23, 44.714,
354.031

66, 30.216,
158.068

22, 46.091,

69, 34.872,

356.160

157.603

Harmonies

Complementary

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



39, 12.840, 343.214



44, 12.570, 159.709

Rectangle

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



39, 12.840, 343.214



39, 12.840, 33.214



39, 12.840, 163.214



39, 12.840, 213.214

Sweetspot

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



39, 12.838, 343.216



56, 5.027, 341.955



38, 15.456, 308.340



28, 3.245, 341.985



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



39, 12.838, 343.216



49, 18.971, 343.647



39, 10.595, 16.986



21, 3.193, 342.102



24, 48.465, 356.476



53, 82.751, 358.851

Inverse Universe

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



39, 12.838, 343.216



49, 18.971, 343.647



44, 9.359, 193.912



21, 3.193, 342.102



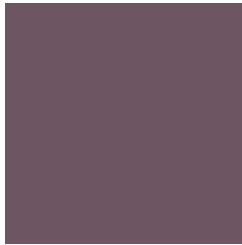
24, 48.465, 356.476



53, 82.751, 358.851

Previews

White Background



This preview shows how the CIELCh color 39, 12.840, 343.214 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 CIE LCh color 39, 12.840, 343.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

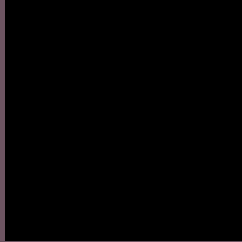
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 12.840, 343.214

Background



This preview shows how black text looks on a background with the CIELCh color 39, 12.840, 343.214.



This preview shows how white text looks on a background with the CIELCh color 39, 12.840, 343.214.

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, 12.840, 343.214

Protanopia

39, 6.743, 291.229

Deuteranopia

39, 6.466, 331.085



Tritanopia
39, 10.346, 356.631

Trichromacy



Original Color
39, 12.840, 343.214

Protanomaly
39, 8.269, 317.755

Deuteranomaly
39, 8.386, 339.655

Tritanomaly
39, 10.848, 350.673

Monochromacy



Original Color
39, 12.840, 343.214

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 4.179, 344.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 12.840, 343.214 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(109, 85, 98)` looks like.

```
.text, #text, p{  
    color:rgb(109, 85, 98)  
}
```

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(109, 85, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 85, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 12.840, 343.214 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(109, 85, 98) }
```

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

```
.border{ border-color:rgb(109, 85, 98) }
```

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

Here you see how a box with a 4 pixel rgb(109, 85, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 85, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 85, 98);  
box-shadow:4px 4px 4px 4px rgb(109, 85,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 12.840, 343.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 85, 98) }
```

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

```
.background{ background-color: rgb(109, 85,  
98) }
```

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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