

Converting Colors

CIELCh(39, 10.752, 201.374)

Have a look what the booklet for
CIELCh(39, 10.752, 201.374)
contains.

CIELCh(39, 10.752, 201.374)	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, 10.752, 201.374)

Conversions

Conversions Part 1

Format	Color
Hex	456162
RGB	69, 97, 98
RGB Percent	27%, 38%, 38%
CMY	0.7300, 0.6202, 0.6163
CMYK	0.30, 0.01, 0.00, 0.62
HSL	182°, 17%, 33%
HSV	182°, 30%, 38%
XYZ	8.9008, 10.6589, 13.1048
YIQ	88.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

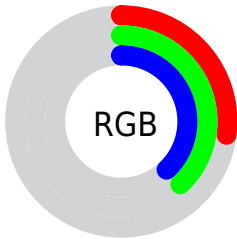
Format	Color
RYB	69, 83, 98
Decimal	4546914
CIELab	39.00, -10.01, -3.92
CIELCh	39, 10.752, 201.374
Yxy	10.6589, 0.2725, 0.3263
Android (android.graphics.Color)	4282736994 (0xFF456162)
YUV	88.7420, 4.5642, -17.3137
Hunter-Lab	32.6480, -8.4697, -0.9452

Details

The CIELCh color **39, 10.752, 201.374** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 13.011, 24.237**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 10.965, 201.398**, and **19, 10.954, 200.967** is the 20% darker color. If you saturate the color by 10%, you get **38, 13.837, 201.130**, and if you desaturate by 10%, it is **40, 7.357, 201.683**.

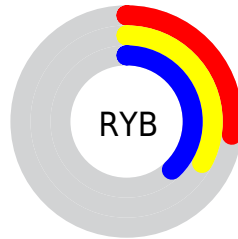
Distribution



Red (27%)

Green (38%)

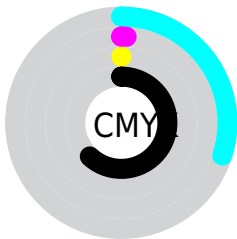
Blue (38%)



Red (27%)

Yellow (33%)

Blue (38%)

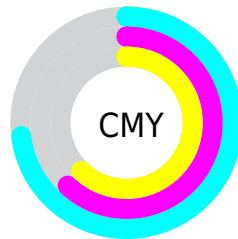


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (62%)



Cyan (73%)


Magenta (62%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 10.752, 201.374 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, 10.752, 201.374 by changing the saturation by 10% instead.


 39, 10.752,
201.374


 39, 10.752,
201.374

 100, 10.752,
201.374


 29, 10.752,
201.374

 59, 10.752,
201.374


 19, 10.752,
201.374


 69, 10.752,
201.374

 9, 10.752, 201.374

 79, 10.752,
201.374

 0, 10.752, 201.374

 89, 10.752,
201.374

 99, 10.752,
201.374

■ 39, 10.752,
201.374

■ 39, 10.752,
201.374

■ 38, 13.837,
201.130

■ 40, 7.357, 201.683

■ 38, 16.556,
200.970

■ 41, 3.708, 202.082

■ 37, 18.862,
200.900

■ 42, 0.144, 20.101

■ 37, 20.718,
200.929

■ 44, 8.265, 23.254

■ 36, 22.105,
201.065

■ 45, 12.456, 23.751

■ 36, 23.026,
201.315

■ 47, 20.953, 24.765

■ 36, 23.727,
201.613

■ 48, 25.216, 25.276

■ 36, 23.753,

Harmonies

Complementary

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



39, 10.752, 201.374



33, 13.011, 24.237

Rectangle

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



39, 10.752, 201.374



39, 10.752, 251.374



39, 10.752, 21.374



39, 10.752, 71.374

Sweetspot

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



39, 10.752, 201.370



52, 4.309, 202.099



39, 21.174, 143.433



26, 2.961, 202.051



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, 10.752, 201.370



50, 15.789, 201.184



34, 10.797, 263.249



20, 2.145, 202.119



41, 26.143, 201.713



84, 45.580, 202.065

Inverse Universe

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



33, 21.163, 326.901



41, 31.842, 327.278



37, 11.465, 75.405



18, 3.956, 325.807



25, 61.476, 329.586



56, 107.295, 329.674

Previews

White Background



This preview shows how the CIE LCh color 39, 10.752, 201.374 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, 10.752, 201.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

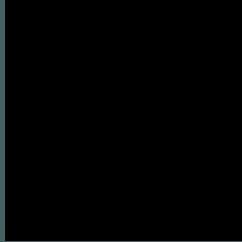
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 10.752, 201.374

Background



This preview shows how black text looks on a background with the CIELCh color 39, 10.752, 201.374.



This preview shows how white text looks on a background with the CIELCh color 39, 10.752, 201.374.

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, 10.752, 201.374

Protanopia

39, 1.895, 303.189

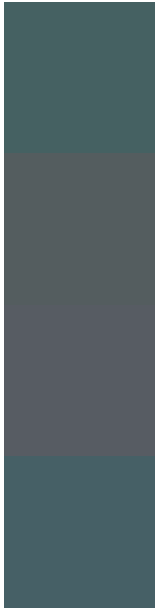
Deuteranopia

39, 7.000, 319.209



Tritanopia
39, 10.732, 225.686

Trichromacy



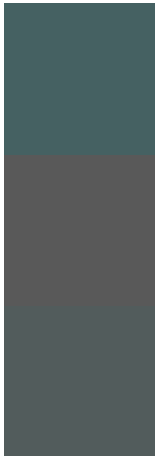
Original Color
39, 10.752, 201.374

Protanomaly
39, 3.840, 217.694

Deuteranomaly
39, 4.700, 265.446

Tritanomaly
39, 10.369, 219.184

Monochromacy



Original Color
39, 10.752, 201.374

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 4.105, 198.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 10.752, 201.374 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(69, 97, 98)` looks like.

```
.text, #text, p{  
    color:rgb(69, 97, 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(69, 97, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 97, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 10.752, 201.374 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(69, 97, 98) }
```

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

```
.border{ border-color:rgb(69, 97, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 97, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 97, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 97, 98);  
box-shadow:4px 4px 4px 4px rgb(69, 97, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 10.752, 201.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 97, 98) }
```

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

```
.background{ background-color: rgb(69, 97,  
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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