

Converting Colors

CIELCh(39, 14.727, 220.114)

Have a look what the booklet for
CIELCh(39, 14.727, 220.114)
contains.

CIELCh(39, 14.881, 219.764)	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, 14.881, 219.764)

Conversions

Conversions Part 1

Format	Color
Hex	3A626B
RGB	58, 98, 107
RGB Percent	23%, 38%, 42%
CMY	0.7732, 0.6163, 0.5810
CMYK	0.46, 0.08, 0.00, 0.58
HSL	191°, 30%, 32%
HSV	191°, 46%, 42%
XYZ	8.7341, 10.6589, 15.4631
YIQ	87.0660, -26.7290, -5.6810

Conversions

Conversions Part 2

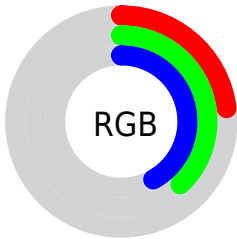
Format	Color
RYB	58, 80, 107
Decimal	3826283
CIELab	39.00, -11.44, -9.52
CIElCh	39, 14.881, 219.764
Yxy	10.6589, 0.2506, 0.3058
Android (android.graphics.Color)	4282016363 (0xFF3A626B)
YUV	87.0660, 9.8275, -25.4909
Hunter-Lab	32.6480, -9.3810, -5.2279

Details

The CIELCh color **39, 14.881, 219.764** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 20.513, 38.062**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 14.942, 218.306**, and **19, 14.841, 221.983** is the 20% darker color. If you saturate the color by 10%, you get **38, 17.265, 220.826**, and if you desaturate by 10%, it is **40, 12.129, 218.969**.

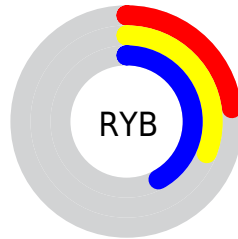
Distribution



Red (23%)

Green (38%)

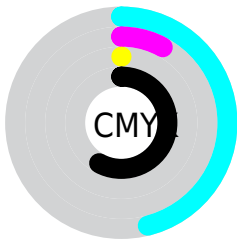
Blue (42%)



Red (23%)

Yellow (31%)

Blue (42%)

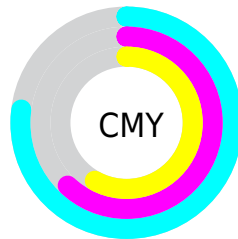


Cyan (46%)

Magenta (8%)

Yellow (0%)

Black (58%)



Cyan (77%)

Magenta (62%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 14.881, 219.764 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, 14.881, 219.764 by changing the saturation by 10% instead.

■ 39, 14.881,
219.764

■ 39, 14.881,
219.764

■ 100, 14.881,
219.764

■ 29, 14.881,
219.764

■ 59, 14.881,
219.764

■ 19, 14.881,
219.764

■ 69, 14.881,
219.764

■ 9, 14.881, 219.764

■ 79, 14.881,
219.764

■ 0, 14.881, 219.764

■ 89, 14.881,
219.764

■ 99, 14.881,
219.764

■ 39, 14.881,
219.764

■ 39, 14.881,
219.764

■ 38, 17.265,
220.826

■ 40, 12.129,
218.969

■ 37, 19.240,
222.221

■ 42, 9.059, 218.399

■ 43, 5.722, 218.018

■ 36, 20.781,
224.011

■ 44, 2.167, 217.853

■ 35, 21.889,
226.263

■ 46, 1.560, 37.317

■ 47, 5.420, 37.407

■ 34, 22.657,
228.933

■ 49, 9.380, 37.433

■ 34, 22.976,
230.018

■ 51, 13.412, 37.495

■ 52, 17.492, 37.591

Harmonies

Complementary

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



39, 14.881, 219.764



33, 20.513, 38.062

Rectangle

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



39, 14.881, 219.764



39, 14.881, 269.764



39, 14.881, 39.764



39, 14.881, 89.764

Sweetspot

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



39, 14.881, 219.761



55, 6.245, 217.977



41, 31.391, 146.321



28, 4.261, 218.021



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 14.881, 219.761



49, 20.867, 220.901



31, 21.690, 279.833



22, 2.067, 217.867



37, 24.560, 230.417



75, 42.372, 232.692

Inverse Universe

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



32, 31.404, 332.747



38, 45.443, 333.442



40, 21.629, 86.809



21, 3.880, 330.448



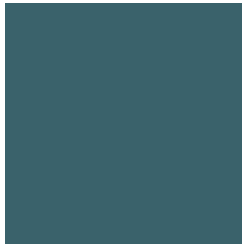
26, 56.752, 336.756



56, 96.895, 337.366

Previews

White Background



This preview shows how the CIE LCh color 39, 14.881, 219.764 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, 14.881, 219.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

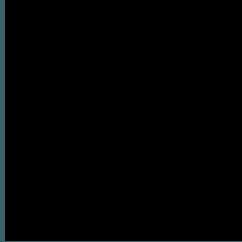
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

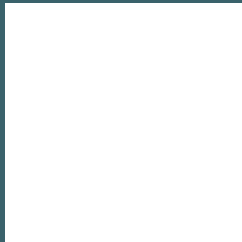
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 14.881, 219.764

Background



This preview shows how black text looks on a background with the CIELCh color 39, 14.881, 219.764.



This preview shows how white text looks on a background with the CIELCh color 39, 14.881, 219.764.

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, 14.881, 219.764

Protanopia

39, 6.748, 287.827

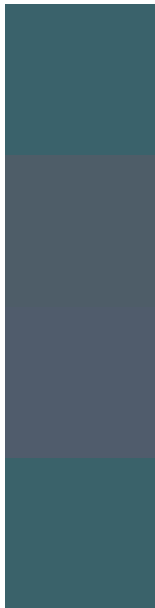
Deuteranopia

39, 12.363, 297.501



Tritanopia
39, 14.763, 217.359

Trichromacy



Original Color
39, 14.881, 219.764

Protanomaly
39, 8.727, 249.849

Deuteranomaly
39, 10.680, 266.464

Tritanomaly
39, 14.763, 217.359

Monochromacy



Original Color
39, 14.881, 219.764

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 6.227, 216.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 14.881, 219.764 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(58, 98, 107)` looks like.

```
.text, #text, p{  
    color:rgb(58, 98, 107)  
}
```

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(58, 98, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 98, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 14.881, 219.764 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(58, 98, 107) }
```

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

```
.border{ border-color:rgb(58, 98, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 98, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 98, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 98, 107);  
box-shadow:4px 4px 4px 4px rgb(58, 98,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 14.881, 219.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 98, 107) }
```

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

```
.background{ background-color: rgb(58, 98,  
107) }
```

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