

Converting Colors

CIELCh(39, 14.990, 143.037)

Have a look what the booklet for
CIELCh(39, 14.990, 143.037)
contains.

CIELCh(39, 14.958, 143.224)	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, 14.958, 143.224)

Conversions

Conversions Part 1

Format	Color
Hex	4D614D
RGB	77, 97, 77
RGB Percent	30%, 38%, 30%
CMY	0.6981, 0.6197, 0.6981
CMYK	0.21, 0.00, 0.21, 0.62
HSL	120°, 11%, 34%
HSV	120°, 21%, 38%
XYZ	8.6713, 10.6589, 8.6185
YIQ	88.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

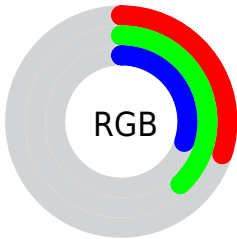
Format	Color
RYB	77, 97, 97
Decimal	5071181
CIELab	39.00, -11.98, 8.96
CIELCh	39, 14.958, 143.224
Yxy	10.6589, 0.3103, 0.3814
Android (android.graphics.Color)	4283261261 (0xFF4D614D)
YUV	88.7400, -5.7878, -10.2960
Hunter-Lab	32.6480, -9.7245, 7.2021

Details

The CIELCh color $39, 14.958, 143.224$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $35, 14.970, 325.484$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 15.230, 143.566$, and $19, 15.246, 143.650$ is the 20% darker color. If you saturate the color by 10%, you get $38, 22.212, 142.475$, and if you desaturate by 10%, it is $40, 7.673, 143.878$.

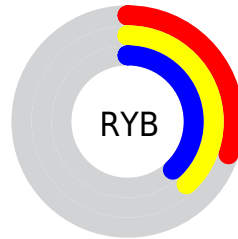
Distribution



Red (30%)

Green (38%)

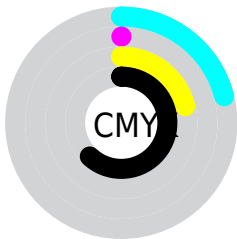
Blue (30%)



Red (30%)

Yellow (38%)

Blue (38%)

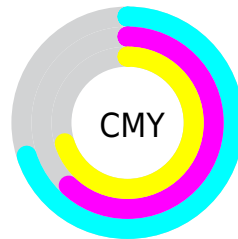


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 14.958, 143.224 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, 14.958, 143.224 by changing the saturation by 10% instead.


 39, 14.958,
143.224


 39, 14.958,
143.224

 100, 14.958,
143.224

 29, 14.958,
143.224

 59, 14.958,
143.224


 19, 14.958,
143.224

 69, 14.958,
143.224

 9, 14.958, 143.224

 79, 14.958,
143.224

 0, 14.958, 143.224

 89, 14.958,
143.224

 99, 14.958,
143.224

■ 39, 14.958,
143.224

■ 39, 14.958,
143.224

■ 38, 22.212,
142.475

■ 40, 7.673, 143.878

■ 37, 29.314,
141.620

■ 41, 0.442, 144.756

■ 42, 6.669, 324.860

■ 37, 36.115,
140.663

■ 44, 13.618,
325.275

■ 36, 42.429,
139.628

■ 45, 20.377,
325.624

■ 36, 48.034,
138.567

■ 46, 26.931,
325.921

■ 35, 52.681,
137.570

■ 48, 33.275,
326.176

■ 35, 56.127,
136.752

■ 49, 39.408,
326.396

■ 35, 58.997,

136.017

■ 51, 45.337,
326.586

Harmonies

Complementary

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



39, 14.958, 143.224



35, 14.970, 325.484

Rectangle

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



39, 14.958, 143.224



39, 14.958, 193.224



39, 14.958, 323.224



39, 14.958, 13.224

Sweetspot

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



39, 14.959, 143.224



52, 5.320, 144.149



41, 12.053, 108.322



26, 3.558, 144.125



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, 14.959, 143.224



49, 22.348, 142.855



39, 10.367, 161.986



19, 4.043, 143.985



41, 65.381, 136.017



83, 114.296, 136.016

Inverse Universe

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



35, 14.970, 325.484



44, 22.357, 325.743



35, 10.620, 345.316



18, 4.050, 324.871



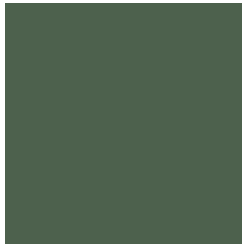
26, 63.082, 328.234



57, 110.275, 328.234

Previews

White Background



This preview shows how the CIE LCh color 39, 14.958, 143.224 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, 14.958, 143.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

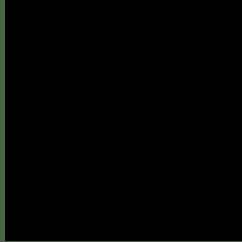
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 14.958, 143.224

Background



This preview shows how black text looks on a background with the CIELCh color 39, 14.958, 143.224.

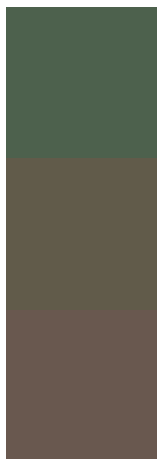


This preview shows how white text looks on a background with the CIELCh color 39, 14.958, 143.224.

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](#).

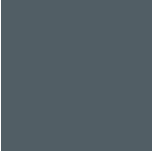
Dichromacy



Original Color
39, 14.958, 143.224

Protanopia
39, 10.711, 93.809

Deuteranopia
39, 9.484, 55.368



Tritanopia
39, 6.576, 239.760

Trichromacy



Original Color
39, 14.958, 143.224

Protanomaly
39, 11.027, 115.409

Deuteranomaly
39, 8.124, 96.230

Tritanomaly
39, 6.433, 181.977

Monochromacy



Original Color
39, 14.958, 143.224

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 5.250, 144.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 14.958, 143.224 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(77, 97, 77)` looks like.

```
.text, #text, p{  
    color:rgb(77, 97, 77)  
}
```

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(77, 97, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 97, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 14.958, 143.224 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(77, 97, 77) }
```

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

```
.border{ border-color:rgb(77, 97, 77) }
```

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

Here you see how a box with a 4 pixel rgb(77, 97, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 97, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 97, 77);  
box-shadow:4px 4px 4px 4px rgb(77, 97, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 14.958, 143.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 97, 77) }
```

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

```
.background{ background-color: rgb(77, 97,  
77) }
```

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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