

Converting Colors

CIELCh(39, 10.141, 121.443)

Have a look what the booklet for
CIELCh(39, 10.141, 121.443)
contains.

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Color

CIELCh(39, 9.981, 121.384)

Conversions

Conversions Part 1

Format	Color
Hex	595E4E
RGB	89, 94, 78
RGB Percent	35%, 37%, 31%
CMY	0.6513, 0.6317, 0.6944
CMYK	0.05, 0.00, 0.17, 0.63
HSL	79°, 9%, 34%
HSV	79°, 17%, 37%
XYZ	9.4791, 10.6589, 8.7500
YIQ	90.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

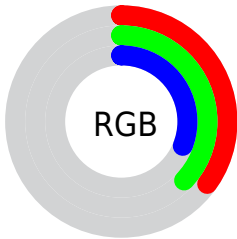
Format	Color
R_YB	78, 94, 83
Decimal	5856846
CIE Lab	39.00, -5.20, 8.52
CIE LCh	39, 9.981, 121.384
Yxy	10.6589, 0.3281, 0.3690
Android (android.graphics.Color)	4284046926 (0xFF595E4E)
YUV	90.6810, -6.2517, -1.4742
Hunter-Lab	32.6480, -5.3078, 6.9634

Details

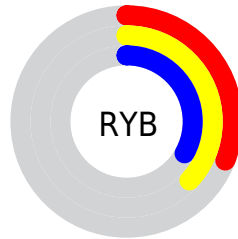
The CIELCh color $39, 9.981, 121.384$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $34, 10.284, 303.230$, and the grayscale version is $39, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 9.803, 120.924$, and $19, 9.817, 122.651$ is the 20% darker color. If you saturate the color by 10%, you get $39, 15.800, 120.850$, and if you desaturate by 10%, it is $39, 4.123, 121.920$.

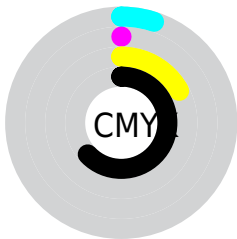
Distribution



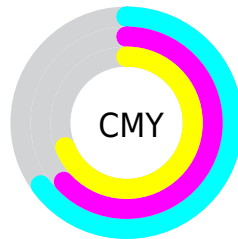
- Red (35%)
- Green (37%)
- Blue (31%)



- Red (31%)
- Yellow (37%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (63%)



- Cyan (65%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 9.981, 121.384 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, 9.981, 121.384 by changing the saturation by 10% instead.

■ 39, 9.981, 121.384

■ 39, 9.981, 121.384

■ 100, 9.981,
121.384

■ 29, 9.981, 121.384

■ 59, 9.981, 121.384

■ 19, 9.981, 121.384

■ 69, 9.981, 121.384

■ 9, 9.981, 121.384

■ 79, 9.981, 121.384

■ 0, 9.981, 121.384

■ 89, 9.981, 121.384

■ 99, 9.981, 121.384

■ 39, 9.981, 121.384

■ 39, 9.981, 121.384

■ 39, 15.800,
120.850

■ 39, 4.123, 121.920

■ 38, 21.531,
120.320

■ 40, 1.744, 302.405

■ 38, 27.106,
119.822

■ 41, 7.595, 302.904

■ 37, 32.430,
119.391

■ 41, 13.413,
303.362

■ 37, 37.362,
119.081

■ 42, 19.184,
303.790

■ 37, 41.713,
118.963

■ 42, 24.899,
304.188

■ 36, 45.259,
119.125

■ 43, 30.551,
304.556

■ 36, 48.200,
119.463

■ 44, 36.134,
304.896

■ 36, 49.120,
119.520

■ 45, 41.645,
305.209

Harmonies

Complementary

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



39, 9.981, 121.384



34, 10.284, 303.230

Rectangle

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



39, 9.981, 121.384



39, 9.981, 171.384



39, 9.981, 301.384



39, 9.981, 351.384

Sweetspot

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



39, 9.982, 121.388



51, 3.642, 122.021



36, 5.819, 50.508



26, 2.462, 121.996



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 9.982, 121.388



50, 14.564, 121.195



38, 11.274, 138.059



19, 3.222, 121.827



42, 54.860, 119.791



86, 97.275, 120.716

Inverse Universe

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



34, 10.284, 303.230



43, 15.102, 303.458



35, 11.362, 319.501



17, 3.276, 302.739



12, 69.185, 308.948



33, 122.881, 308.349

Previews

White Background



This preview shows how the CIELCh color 39, 9.981, 121.384 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, 9.981, 121.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

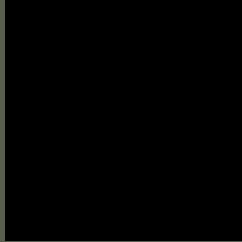
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

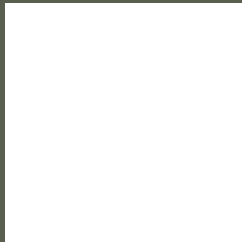
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 9.981, 121.384

Background



This preview shows how black text looks on a background with the CIELCh color 39, 9.981, 121.384.

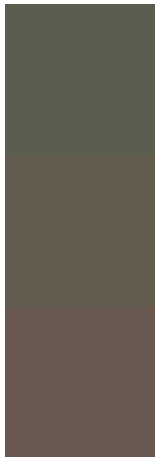


This preview shows how white text looks on a background with the CIELCh color 39, 9.981, 121.384.

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, 9.981, 121.384

Protanopia

39, 9.398, 94.923

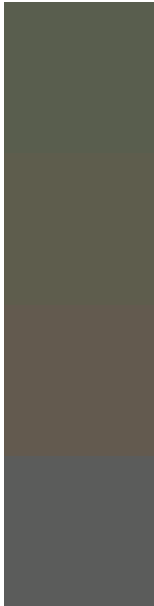
Deuteranopia

39, 9.484, 55.368



Tritanopia
39, 4.318, 296.299

Trichromacy



Original Color

39, 9.981, 121.384

Protanomaly

39, 9.730, 106.013

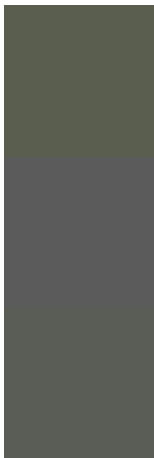
Deuteranomaly

39, 7.839, 78.209

Tritanomaly

39, 0.742, 144.585

Monochromacy



Original Color

39, 9.981, 121.384

Achromatopsia

39, 0.005, 296.813

Achromatomaly

39, 3.769, 122.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 9.981, 121.384 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(89, 94, 78)` looks like.

```
.text, #text, p{  
    color:rgb(89, 94, 78)  
}
```

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(89, 94, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 94, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 9.981, 121.384 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(89, 94, 78) }
```

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

```
.border{ border-color:rgb(89, 94, 78) }
```

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

Here you see how a box with a 4 pixel rgb(89, 94, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 94, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 94, 78);  
box-shadow:4px 4px 4px 4px rgb(89, 94, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 9.981, 121.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 94, 78) }
```

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

```
.background{ background-color: rgb(89, 94,  
78) }
```

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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