

Converting Colors

CIELCh(39, 16.187, 141.958)

Have a look what the booklet for
CIELCh(39, 16.187, 141.958)
contains.

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Color

CIELCh(39, 16.217, 141.945)

Conversions

Conversions Part 1

Format	Color
Hex	4C614B
RGB	76, 97, 75
RGB Percent	30%, 38%, 29%
CMY	0.7009, 0.6185, 0.7049
CMYK	0.22, 0.00, 0.23, 0.62
HSL	117°, 13%, 34%
HSV	117°, 23%, 38%
XYZ	8.5805, 10.6589, 8.3088
YIQ	88.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

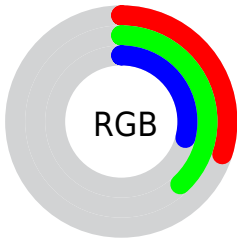
Format	Color
R_{YB}	75, 97, 96
Decimal	5005643
CIE Lab	39.00, -12.77, 10.00
CIE LCh	39, 16.217, 141.945
Yxy	10.6589, 0.3115, 0.3869
Android (android.graphics.Color)	4283195723 (0xFF4C614B)
YUV	88.2130, -6.5140, -10.7108
Hunter-Lab	32.6480, -10.2210, 7.7646

Details

The CIELCh color **39, 16.217, 141.945** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 16.257, 324.302**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 16.398, 142.412**, and **19, 16.619, 142.095** is the 20% darker color. If you saturate the color by 10%, you get **38, 23.370, 141.230**, and if you desaturate by 10%, it is **40, 9.020, 142.573**.

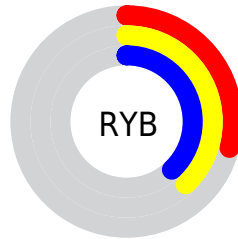
Distribution



Red (30%)

Green (38%)

Blue (29%)



Red (29%)

Yellow (38%)

Blue (38%)

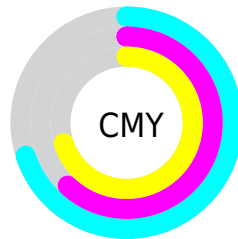


Cyan (22%)

Magenta (0%)

Yellow (23%)

Black (62%)



Cyan (70%)


Magenta (62%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 16.217, 141.945 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, 16.217, 141.945 by changing the saturation by 10% instead.


 39, 16.217,
141.945


 39, 16.217,
141.945


 100, 16.217,
141.945


 29, 16.217,
141.945

 59, 16.217,
141.945


 19, 16.217,
141.945


 69, 16.217,
141.945

 9, 16.217, 141.945

 79, 16.217,
141.945

 0, 16.217, 141.945

 89, 16.217,
141.945

 99, 16.217,
141.945

■ 39, 16.217,
141.945

■ 39, 16.217,
141.945

■ 38, 23.370,
141.230

■ 40, 9.020, 142.573

■ 37, 30.360,
140.424

■ 41, 1.862, 143.172

■ 42, 5.193, 323.524

■ 37, 37.043,
139.538

■ 43, 12.101,
323.934

■ 36, 43.233,
138.602

■ 45, 18.835,
324.276

■ 36, 48.708,
137.678

■ 46, 25.378,
324.566

■ 36, 53.212,
136.860

■ 47, 31.722,
324.815

■ 35, 56.549,
136.224

■ 49, 37.866,
325.028

■ 35, 58.798,

135.617

■ 50, 43.815,
325.211

Harmonies

Complementary

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



39, 16.217, 141.945



35, 16.257, 324.302

Rectangle

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



39, 16.217, 141.945



39, 16.217, 191.945



39, 16.217, 321.945



39, 16.217, 11.945

Sweetspot

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



39, 16.218, 141.945



52, 6.223, 142.886



40, 12.622, 105.976



26, 4.009, 142.869



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, 16.218, 141.945



50, 24.178, 141.585



39, 11.839, 159.267



19, 3.983, 142.791



41, 65.077, 135.675



83, 114.082, 135.880

Inverse Universe

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



35, 16.257, 324.302



44, 24.238, 324.550



35, 12.084, 342.804



18, 3.993, 323.625



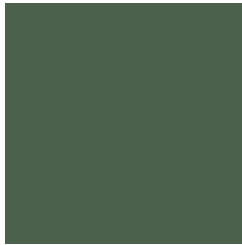
25, 63.223, 326.522



55, 110.541, 326.416

Previews

White Background



This preview shows how the CIELCh color 39, 16.217, 141.945 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, 16.217, 141.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

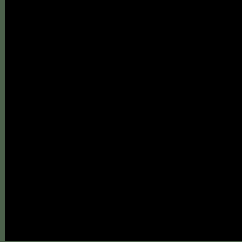
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 16.217, 141.945

Background



This preview shows how black text looks on a background with the CIELCh color 39, 16.217, 141.945.



This preview shows how white text looks on a background with the CIELCh color 39, 16.217, 141.945.

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](#).

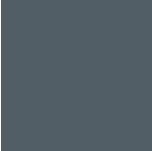
Dichromacy



Original Color
39, 16.217, 141.945

Protanopia
39, 11.301, 94.448

Deuteranopia
39, 10.657, 58.946



Tritanopia
39, 6.576, 239.760

Trichromacy



Original Color
39, 16.217, 141.945

Protanomaly
39, 11.692, 117.132

Deuteranomaly
39, 9.318, 97.602

Tritanomaly
39, 6.809, 182.858

Monochromacy



Original Color
39, 16.217, 141.945

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 5.779, 140.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 16.217, 141.945 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(76, 97, 75)` looks like.

```
.text, #text, p{  
    color:rgb(76, 97, 75)  
}
```

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(76, 97, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 97, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 16.217, 141.945 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(76, 97, 75) }
```

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

```
.border{ border-color:rgb(76, 97, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 97, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 97, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 97, 75);  
box-shadow:4px 4px 4px 4px rgb(76, 97, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 16.217, 141.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 97, 75) }
```

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

```
.background{ background-color: rgb(76, 97,  
75) }
```

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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