

Converting Colors

CIELCh(39, 21.607, 156.342)

Have a look what the booklet for
CIELCh(39, 21.607, 156.342)
contains.

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Color

CIELCh(39, 21.617, 156.344)

Conversions

Conversions Part 1

Format	Color
Hex	3C644D
RGB	60, 100, 77
RGB Percent	24%, 39%, 30%
CMY	0.7639, 0.6070, 0.6973
CMYK	0.40, 0.00, 0.23, 0.61
HSL	145°, 25%, 31%
HSV	145°, 40%, 39%
XYZ	7.7986, 10.6589, 8.7035
YIQ	85.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

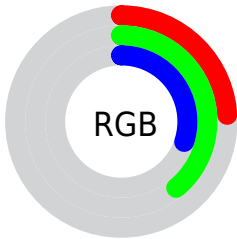
Format	Color
RYB	60, 88, 100
Decimal	3957837
CIELab	39.00, -19.80, 8.67
CIELCh	39, 21.617, 156.344
Yxy	10.6589, 0.2871, 0.3924
Android (android.graphics.Color)	4282147917 (0xFF3C644D)
YUV	85.4180, -4.1501, -22.2916
Hunter-Lab	32.6480, -14.4958, 7.0477

Details

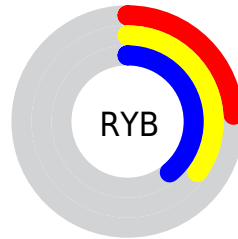
The CIELCh color $39, 21.617, 156.344$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31, 22.251, 343.113$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 21.575, 156.538$, and $19, 21.664, 156.650$ is the 20% darker color. If you saturate the color by 10%, you get $38, 26.718, 155.181$, and if you desaturate by 10%, it is $40, 16.316, 157.373$.

Distribution



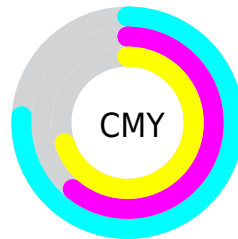
- Red (24%)
- Green (39%)
- Blue (30%)



- Red (24%)
- Yellow (35%)
- Blue (39%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (61%)



- Cyan (76%)
- Magenta (61%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 21.617, 156.344 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, 21.617, 156.344 by changing the saturation by 10% instead.


 39, 21.617,
156.344

 39, 21.617,
156.344

 100, 21.617,
156.344


 29, 21.617,
156.344

 59, 21.617,
156.344

 19, 21.617,
156.344

 69, 21.617,
156.344

 9, 21.617, 156.344

 79, 21.617,
156.344

 0, 21.617, 156.344

 89, 21.617,
156.344

 99, 21.617,
156.344

■ 39, 21.617,
156.344

■ 39, 21.617,
156.344

■ 38, 26.718,
155.181

■ 40, 16.316,
157.373

■ 38, 31.534,
153.866

■ 41, 10.893,
158.292

■ 37, 35.984,
152.381

■ 41, 5.420, 159.127

■ 37, 40.001,
150.715

■ 42, 0.045, 334.711

■ 44, 5.455, 340.437

■ 37, 43.545,
148.869

■ 45, 10.774,
341.061

■ 37, 46.817,
147.105

■ 46, 15.979,
341.621

■ 37, 46.841,
147.093

■ 47, 21.052,
342.135

■ 49, 25.984,
342.611

Harmonies

Complementary

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



39, 21.617, 156.344



31, 22.251, 343.113

Rectangle

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



39, 21.617, 156.344



39, 21.617, 206.344



39, 21.617, 336.344



39, 21.617, 26.344

Sweetspot

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



39, 21.618, 156.343



53, 8.124, 158.930



40, 24.970, 124.247



27, 5.432, 158.862



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 21.618, 156.343



50, 31.850, 155.247



40, 15.150, 189.753



21, 3.110, 159.207



42, 51.981, 146.706



84, 92.995, 145.265

Inverse Universe

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



31, 22.251, 343.113



38, 32.875, 344.123



30, 18.869, 16.627



20, 3.136, 340.411



24, 48.320, 353.528



53, 82.985, 355.715

Previews

White Background



This preview shows how the CIELCh color 39, 21.617, 156.344 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, 21.617, 156.344 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, 21.617, 156.344

Background



This preview shows how black text looks on a background with the CIELCh color 39, 21.617, 156.344.

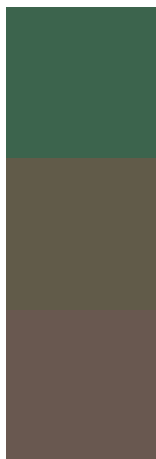


This preview shows how white text looks on a background with the CIELCh color 39, 21.617, 156.344.

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, 21.617, 156.344

Protanopia
39, 11.301, 94.448

Deuteranopia
39, 9.111, 52.432



Tritanopia
39, 12.057, 219.087

Trichromacy



Original Color
39, 21.617, 156.344

Protanomaly
39, 12.395, 129.149

Deuteranomaly
38, 8.046, 118.337

Tritanomaly
39, 13.366, 187.097

Monochromacy



Original Color
39, 21.617, 156.344

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 7.745, 158.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 21.617, 156.344 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(60, 100, 77)` looks like.

```
.text, #text, p{  
    color:rgb(60, 100, 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(60, 100, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 100, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 21.617, 156.344 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(60, 100, 77) }
```

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

```
.border{ border-color:rgb(60, 100, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 100, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 100, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 100, 77);  
box-shadow:4px 4px 4px 4px rgb(60, 100,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 21.617, 156.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 100, 77) }
```

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

```
.background{ background-color: rgb(60, 100,  
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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