

Converting Colors

CIELCh(39, 13.643, 155.681)

Have a look what the booklet for
CIELCh(39, 13.643, 155.681)
contains.

CIELCh(39, 13.672, 155.617)	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, 13.672, 155.617)

Conversions

Conversions Part 1

Format	Color
Hex	496152
RGB	73, 97, 82
RGB Percent	29%, 38%, 32%
CMY	0.7124, 0.6182, 0.6771
CMYK	0.25, 0.00, 0.15, 0.62
HSL	142°, 14%, 33%
HSV	142°, 25%, 38%
XYZ	8.6169, 10.6589, 9.6543
YIQ	88.1140, -9.4890, -9.7530

Conversions

Conversions Part 2

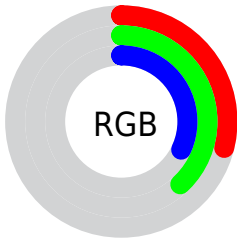
Format	Color
R_{YB}	73, 90, 97
Decimal	4809042
CIE _{Lab}	39.00, -12.45, 5.64
CIE _{LCh}	39, 13.672, 155.617
Yxy	10.6589, 0.2979, 0.3684
Android (android.graphics.Color)	4282999122 (0xFF496152)
YUV	88.1140, -3.0142, -13.2550
Hunter-Lab	32.6480, -10.0218, 5.3211

Details

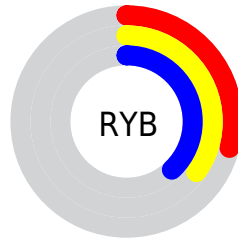
The CIELCh color **39, 13.672, 155.617** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 13.874, 339.247**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 14.039, 154.919**, and **19, 14.285, 154.791** is the 20% darker color. If you saturate the color by 10%, you get **38, 19.148, 154.678**, and if you desaturate by 10%, it is **40, 8.127, 156.453**.

Distribution



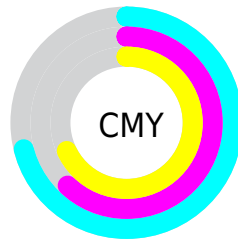
- Red (29%)
- Green (38%)
- Blue (32%)



- Red (29%)
- Yellow (35%)
- Blue (38%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (62%)





- Cyan (71%)
- Magenta (62%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 13.672, 155.617 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, 13.672, 155.617 by changing the saturation by 10% instead.


 39, 13.672,
155.617


 39, 13.672,
155.617

 100, 13.672,
155.617


 29, 13.672,
155.617

 59, 13.672,
155.617


 19, 13.672,
155.617


 69, 13.672,
155.617

 9, 13.672, 155.617

 79, 13.672,
155.617

 0, 13.672, 155.617

 89, 13.672,
155.617

 99, 13.672,
155.617

■ 39, 13.672,
155.617

■ 39, 13.672,
155.617

■ 38, 19.148,
154.678

■ 40, 8.127, 156.453

■ 38, 24.475,
153.617

■ 41, 2.574, 157.246

■ 42, 2.934, 337.748

■ 37, 29.570,
152.413

■ 43, 8.357, 338.389

■ 36, 34.345,
151.048

■ 44, 13.668,
338.938

■ 36, 38.721,
149.512

■ 45, 18.846,
339.435

■ 36, 42.632,
147.802

■ 47, 23.880,
339.889

■ 36, 46.095,
145.996

■ 48, 28.765,
340.309

■ 35, 47.873,

■ 49, 33.499,

145.144

340.697

Harmonies

Complementary

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



39, 13.672, 155.617



34, 13.874, 339.247

Rectangle

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



39, 13.672, 155.617



39, 13.672, 205.617



39, 13.672, 335.617



39, 13.672, 25.617

Sweetspot

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



39, 13.673, 155.616



53, 4.829, 157.037



40, 15.011, 123.077



26, 3.111, 157.014



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, 13.673, 155.616



50, 20.724, 155.043



39, 9.776, 186.574



20, 3.090, 156.907



41, 53.383, 144.740



83, 96.345, 143.304

Inverse Universe

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



34, 13.874, 339.247



43, 21.091, 339.759



34, 10.949, 10.733



18, 3.111, 338.042



23, 48.684, 349.421



53, 84.132, 351.281

Previews

White Background



This preview shows how the CIELCh color 39, 13.672, 155.617 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, 13.672, 155.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

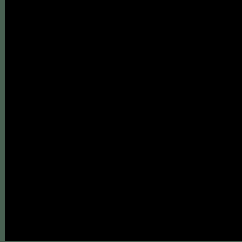
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 13.672, 155.617

Background



This preview shows how black text looks on a background with the CIELCh color 39, 13.672, 155.617.



This preview shows how white text looks on a background with the CIELCh color 39, 13.672, 155.617.

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](#).

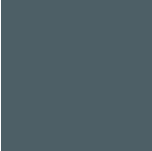
Dichromacy



Original Color
39, 13.672, 155.617

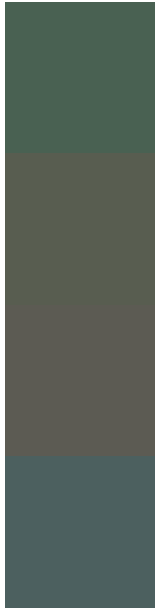
Protanopia
39, 7.647, 92.095

Deuteranopia
39, 7.074, 40.308



Tritanopia
39, 8.059, 230.961

Trichromacy



Original Color
39, 13.672, 155.617

Protanomaly
39, 8.232, 124.293

Deuteranomaly
39, 4.903, 104.298

Tritanomaly
39, 8.009, 194.005

Monochromacy



Original Color
39, 13.672, 155.617

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 4.597, 156.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 13.672, 155.617 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(73, 97, 82)` looks like.

```
.text, #text, p{  
    color:rgb(73, 97, 82)  
}
```

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(73, 97, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 97, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 13.672, 155.617 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(73, 97, 82) }
```

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

```
.border{ border-color:rgb(73, 97, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 97, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 97, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 97, 82);  
box-shadow:4px 4px 4px 4px rgb(73, 97, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 13.672, 155.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 97, 82) }
```

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

```
.background{ background-color: rgb(73, 97,  
82) }
```

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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