

Converting Colors

CIELCh(39, 20.637, 161.143)

Have a look what the booklet for
CIELCh(39, 20.637, 161.143)
contains.

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Color

CIELCh(39, 20.620, 160.539)

Conversions

Conversions Part 1

Format	Color
Hex	3B6450
RGB	59, 100, 80
RGB Percent	23%, 39%, 31%
CMY	0.7680, 0.6072, 0.6857
CMYK	0.41, 0.00, 0.20, 0.61
HSL	151°, 26%, 31%
HSV	151°, 41%, 39%
XYZ	7.8373, 10.6589, 9.2617
YIQ	85.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

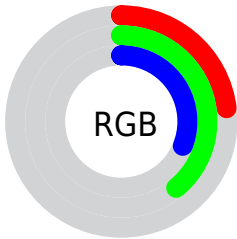
Format	Color
RYB	59, 86, 100
Decimal	3892304
CIELab	39.00, -19.44, 6.87
CIELCh	39, 20.620, 160.539
Yxy	10.6589, 0.2823, 0.3840
Android (android.graphics.Color)	4282082384 (0xFF3B6450)
YUV	85.4610, -2.6923, -23.2063
Hunter-Lab	32.6480, -14.2843, 6.0340

Details

The CIELCh color **39, 20.620, 160.539** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 21.652, 348.131**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 20.685, 160.505**, and **19, 20.417, 161.054** is the 20% darker color. If you saturate the color by 10%, you get **38, 25.281, 159.331**, and if you desaturate by 10%, it is **40, 15.739, 161.617**.

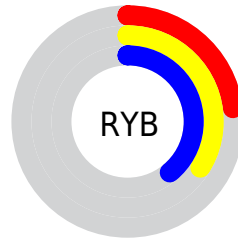
Distribution



Red (23%)

Green (39%)

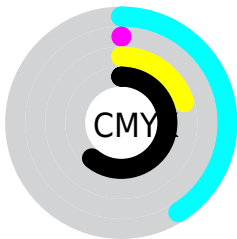
Blue (31%)



Red (23%)

Yellow (34%)

Blue (39%)

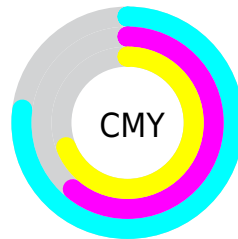


Cyan (41%)

Magenta (0%)

Yellow (20%)

Black (61%)



Cyan (77%)


Magenta (61%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 20.620, 160.539 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, 20.620, 160.539 by changing the saturation by 10% instead.


 39, 20.620,
160.539


 39, 20.620,
160.539

 100, 20.620,
160.539


 29, 20.620,
160.539

 59, 20.620,
160.539


 19, 20.620,
160.539


 69, 20.620,
160.539

 9, 20.620, 160.539

 79, 20.620,
160.539

 0, 20.620, 160.539

 89, 20.620,
160.539

 99, 20.620,
160.539

■ 39, 20.620,
160.539

■ 39, 20.620,
160.539

■ 38, 25.281,
159.331

■ 40, 15.739,
161.617

■ 38, 29.644,
157.975

■ 40, 10.711,
162.590

■ 37, 33.640,
156.450

■ 41, 5.605, 163.484

■ 37, 37.216,
154.743

■ 42, 0.479, 164.752

■ 43, 4.621, 344.907

■ 37, 40.347,
152.851

■ 45, 9.657, 345.606

■ 37, 43.021,
151.220

■ 46, 14.602,
346.239

■ 47, 19.438,
346.825

■ 48, 24.153,

Harmonies

Complementary

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



39, 20.620, 160.539



30, 21.652, 348.131

Rectangle

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



39, 20.620, 160.539



39, 20.620, 210.539



39, 20.620, 340.539



39, 20.620, 30.539

Sweetspot

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



39, 20.621, 160.538



53, 7.619, 163.361



40, 26.111, 127.274



27, 5.093, 163.289



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, 20.621, 160.538



50, 30.168, 159.397



40, 15.014, 197.582



21, 2.919, 163.658



42, 47.743, 150.822



85, 85.323, 149.334

Inverse Universe

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



30, 21.652, 348.131



37, 31.923, 349.343



30, 19.663, 23.042



20, 2.954, 344.955



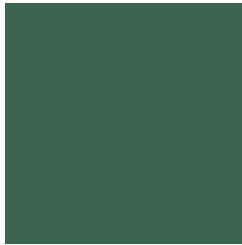
23, 47.081, 1.141



52, 81.308, 3.987

Previews

White Background



This preview shows how the CIELCh color 39, 20.620, 160.539 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 CIE LCh color 39, 20.620, 160.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

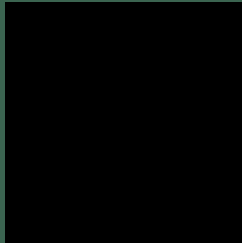
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 20.620, 160.539

Background



This preview shows how black text looks on a background with the CIELCh color 39, 20.620, 160.539.

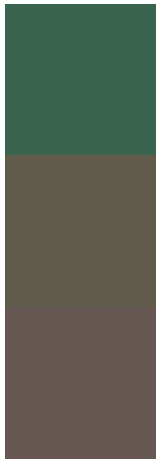


This preview shows how white text looks on a background with the CIELCh color 39, 20.620, 160.539.

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, 20.620, 160.539

Protanopia
39, 9.535, 92.255

Deuteranopia
39, 7.752, 43.312



Tritanopia
39, 12.504, 221.341

Trichromacy



Original Color
39, 20.620, 160.539

Protanomaly
39, 10.899, 134.647

Deuteranomaly
38, 6.362, 125.015

Tritanomaly
39, 13.369, 192.441

Monochromacy



Original Color
39, 20.620, 160.539

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 7.678, 164.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 20.620, 160.539 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(59, 100, 80)` looks like.

```
.text, #text, p{  
    color:rgb(59, 100, 80)  
}
```

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(59, 100, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 100, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 20.620, 160.539 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(59, 100, 80) }
```

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

```
.border{ border-color:rgb(59, 100, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 100, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 100, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 100, 80);  
box-shadow:4px 4px 4px 4px rgb(59, 100,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 20.620, 160.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 100, 80) }
```

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

```
.background{ background-color: rgb(59, 100,  
80) }
```

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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