

Converting Colors

CIELCh(39, 19.040, 166.550)

Have a look what the booklet for
CIELCh(39, 19.040, 166.550)
contains.

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Color

CIELCh(39, 19.048, 166.098)

Conversions

Conversions Part 1

Format	Color
Hex	3B6454
RGB	59, 100, 84
RGB Percent	23%, 39%, 33%
CMY	0.7690, 0.6083, 0.6710
CMYK	0.41, 0.00, 0.16, 0.61
HSL	157°, 26%, 31%
HSV	157°, 41%, 39%
XYZ	7.9406, 10.6589, 10.0052
YIQ	85.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

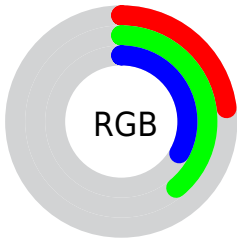
Format	Color
RYB	59, 84, 100
Decimal	3892308
CIELab	39.00, -18.49, 4.58
CIELCh	39, 19.048, 166.098
Yxy	10.6589, 0.2776, 0.3726
Android (android.graphics.Color)	4282082388 (0xFF3B6454)
YUV	85.9170, -0.9451, -23.6062
Hunter-Lab	32.6480, -13.7196, 4.6838

Details

The CIELCh color $[39, 19.048, 166.098]$ is a dark color, and the websafe version is hex $\#336666$. A complement of this color would be $[30, 20.613, 354.303]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[59, 18.912, 167.021]$, and $[19, 19.052, 165.681]$ is the 20% darker color. If you saturate the color by 10%, you get $[38, 23.245, 164.880]$, and if you desaturate by 10%, it is $[40, 14.608, 167.198]$.

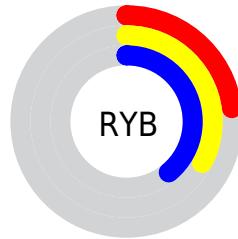
Distribution



Red (23%)

Green (39%)

Blue (33%)



Red (23%)

Yellow (33%)

Blue (39%)

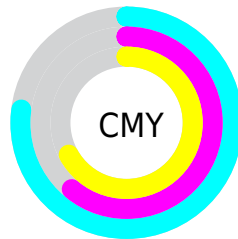


Cyan (41%)

Magenta (0%)

Yellow (16%)

Black (61%)



Cyan (77%)


Magenta (61%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 19.048, 166.098 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, 19.048, 166.098 by changing the saturation by 10% instead.


 39, 19.048,
166.098


 39, 19.048,
166.098

 100, 19.048,
166.098


 29, 19.048,
166.098

 59, 19.048,
166.098


 19, 19.048,
166.098


 69, 19.048,
166.098

 9, 19.048, 166.098

 79, 19.048,
166.098

 0, 19.048, 166.098

 89, 19.048,
166.098

 99, 19.048,
166.098

■ 39, 19.048,
166.098

■ 39, 19.048,
166.098

■ 38, 23.245,
164.880

■ 40, 14.608,
167.198

■ 38, 27.127,
163.527

■ 40, 9.994, 168.204

■ 41, 5.270, 169.142

■ 38, 30.636,
162.016

■ 42, 0.495, 170.480

■ 37, 33.726,
160.331

■ 43, 4.286, 350.659

■ 44, 9.033, 351.427

■ 37, 36.384,
158.462

■ 45, 13.719,
352.129

■ 37, 38.631,
156.856

■ 47, 18.322,
352.789

■ 48, 22.828,
353.414

Harmonies

Complementary

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



39, 19.048, 166.098



30, 20.613, 354.303

Rectangle

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



39, 19.048, 166.098



39, 19.048, 216.098



39, 19.048, 346.098



39, 19.048, 36.098

Sweetspot

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



39, 19.049, 166.097



53, 7.112, 169.021



39, 26.845, 130.698



27, 4.753, 168.945



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, 19.049, 166.097



50, 27.755, 164.957



38, 13.623, 208.537



21, 2.728, 169.337



42, 42.917, 156.455



85, 76.452, 154.975

Inverse Universe

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



30, 20.613, 354.303



37, 30.523, 355.713



31, 18.079, 30.533



19, 2.776, 350.720



23, 46.932, 10.177



52, 81.923, 13.623

Previews

White Background



This preview shows how the CIELCh color 39, 19.048, 166.098 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, 19.048, 166.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

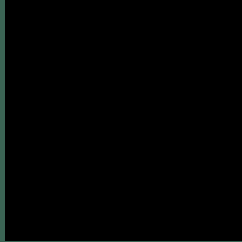
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 19.048, 166.098

Background



This preview shows how black text looks on a background with the CIELCh color 39, 19.048, 166.098.

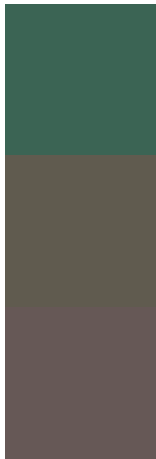


This preview shows how white text looks on a background with the CIELCh color 39, 19.048, 166.098.

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, 19.048, 166.098

Protanopia
39, 7.647, 92.095

Deuteranopia
39, 6.252, 31.398



Tritanopia
39, 12.795, 220.753

Trichromacy



Original Color
39, 19.048, 166.098

Protanomaly
39, 9.280, 139.549

Deuteranomaly
38, 5.015, 140.178

Tritanomaly
39, 13.568, 195.113

Monochromacy



Original Color
39, 19.048, 166.098

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 7.320, 168.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 19.048, 166.098 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(59, 100, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 100, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 19.048, 166.098 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, 84) }
```

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

```
.border{ border-color:rgb(59, 100, 84) }
```

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, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 100, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 100, 84);  
box-shadow:4px 4px 4px 4px rgb(59, 100,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 19.048, 166.098 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, 84) }
```

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

```
.background{ background-color: rgb(59, 100,  
84) }
```

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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