

Converting Colors

CIELCh(39, 22.655, 211.158)

Have a look what the booklet for
CIELCh(39, 22.655, 211.158)
contains.

CIELCh(39, 22.655, 211.158)	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, 22.655, 211.158)

Conversions

Conversions Part 1

Format	Color
Hex	16656E
RGB	22, 101, 110
RGB Percent	9%, 40%, 43%
CMY	0.9122, 0.6030, 0.5677
CMYK	0.80, 0.08, 0.00, 0.57
HSL	186°, 66%, 26%
HSV	186°, 80%, 43%
XYZ	7.8433, 10.6589, 16.4635
YIQ	78.4050, -49.9730, -13.9490

Conversions

Conversions Part 2

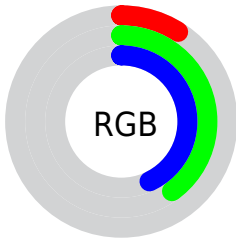
Format	Color
R_YB	22, 64, 110
Decimal	1467758
CIE Lab	39.00, -19.39, -11.72
CIE LCh	39, 22.655, 211.158
Yxy	10.6589, 0.2243, 0.3048
Android (android.graphics.Color)	4279657838 (0xFF16656E)
YUV	78.4050, 15.5763, -49.4672
Hunter-Lab	32.6480, -14.2518, -7.0446

Details

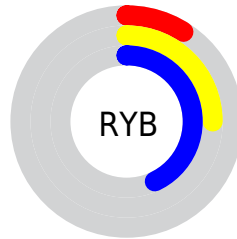
The CIELCh color **39, 22.655, 211.158** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 42.674, 36.557**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 22.710, 212.124**, and **20, 16.093, 216.883** is the 20% darker color. If you saturate the color by 10%, you get **38, 23.508, 212.355**, and if you desaturate by 10%, it is **40, 21.301, 210.238**.

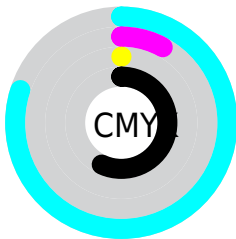
Distribution



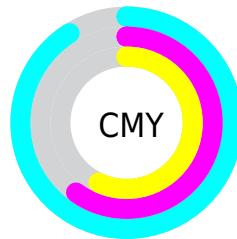
- Red (9%)
- Green (40%)
- Blue (43%)



- Red (9%)
- Yellow (25%)
- Blue (43%)



- Cyan (80%)
- Magenta (8%)
- Yellow (0%)
- Black (57%)





- Cyan (91%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 22.655, 211.158 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, 22.655, 211.158 by changing the saturation by 10% instead.


 39, 22.655,
211.158


 39, 22.655,
211.158

 100, 22.655,
211.158


 29, 22.655,
211.158

 59, 22.655,
211.158


 19, 22.655,
211.158


 69, 22.655,
211.158

 9, 22.655, 211.158

 79, 22.655,
211.158

 0, 22.655, 211.158

 89, 22.655,
211.158

 99, 22.655,
211.158

■ 39, 22.655,
211.158

■ 39, 22.655,
211.158

■ 38, 23.508,
212.355

■ 40, 21.301,
210.238

■ 38, 24.083,
213.709

■ 40, 19.441,
209.564

■ 38, 24.101,
213.750

■ 41, 17.098,
209.101

■ 42, 14.313,
208.816

■ 43, 11.140,
208.681

■ 44, 7.636, 208.675

■ 45, 3.863, 208.797

■ 47, 0.126, 26.001

Harmonies

Complementary

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



39, 22.655, 211.158



25, 42.674, 36.557

Rectangle

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



39, 22.655, 211.158



39, 22.655, 261.158



39, 22.655, 31.158



39, 22.655, 81.158

Sweetspot

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



39, 22.655, 211.157



56, 11.330, 208.663



40, 54.850, 139.678



28, 7.660, 208.669



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



39, 22.655, 211.157



49, 28.791, 213.652



25, 35.142, 283.141



23, 2.278, 208.812



41, 25.564, 213.929



81, 43.477, 215.065

Inverse Universe

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



26, 52.692, 331.613



33, 68.677, 332.492



35, 36.907, 74.732



22, 4.272, 327.812



27, 61.198, 332.596



57, 104.059, 332.875

Previews

White Background



This preview shows how the CIELCh color 39, 22.655, 211.158 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, 22.655, 211.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

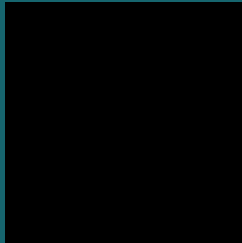
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

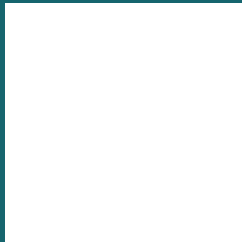
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 22.655, 211.158

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.655, 211.158.



This preview shows how white text looks on a background with the CIELCh color 39, 22.655, 211.158.

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, 22.655, 211.158

Protanopia

39, 7.359, 288.217

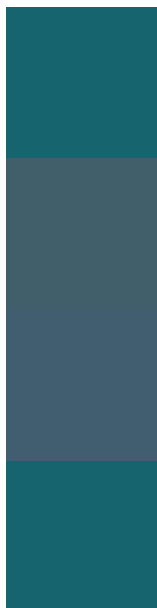
Deuteranopia

39, 14.104, 292.343



Tritanopia
39, 22.655, 211.158

Trichromacy



Original Color
39, 22.655, 211.158

Protanomaly
38, 12.581, 230.974

Deuteranomaly
38, 14.698, 247.724

Tritanomaly
39, 22.655, 211.158

Monochromacy



Original Color
39, 22.655, 211.158

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 11.156, 207.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.655, 211.158 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(22, 101, 110)` looks like.

```
.text, #text, p{  
    color:rgb(22, 101, 110)  
}
```

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(22, 101, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 101, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.655, 211.158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

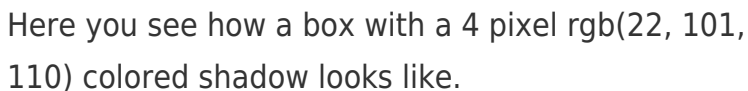
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(22, 101, 110) }
```

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

```
.border{ border-color:rgb(22, 101, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(22, 101, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 101, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 101, 110);  
box-shadow:4px 4px 4px 4px rgb(22, 101,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.655, 211.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 101, 110) }
```

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

```
.background{ background-color: rgb(22, 101,  
110) }
```

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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