

Converting Colors

CIELCh(39, 22.875, 193.608)

Have a look what the booklet for
CIELCh(39, 22.875, 193.608)
contains.

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Color

CIELCh(39, 22.880, 193.566)

Conversions

Conversions Part 1

Format	Color
Hex	1D6664
RGB	29, 102, 100
RGB Percent	11%, 40%, 39%
CMY	0.8868, 0.6004, 0.6083
CMYK	0.72, 0.00, 0.02, 0.60
HSL	178°, 56%, 26%
HSV	178°, 72%, 40%
XYZ	7.5387, 10.6589, 13.6899
YIQ	79.9450, -42.8660, -16.0980

Conversions

Conversions Part 2

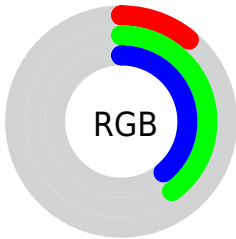
Format	Color
R_{YB}	29, 66, 102
Decimal	1926756
CIE _{Lab}	39.00, -22.24, -5.37
CIE _{LCh}	39, 22.880, 193.566
Yxy	10.6589, 0.2364, 0.3343
Android (android.graphics.Color)	4280116836 (0xFF1D6664)
YUV	79.9450, 9.8871, -44.6788
Hunter-Lab	32.6480, -15.9169, -2.0078

Details

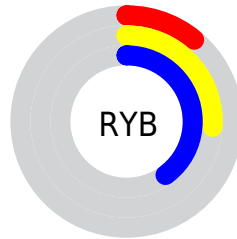
The CIELCh color **39, 22.880, 193.566** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23, 37.046, 27.743**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 22.741, 194.472**, and **20, 17.298, 191.714** is the 20% darker color. If you saturate the color by 10%, you get **39, 24.360, 193.171**, and if you desaturate by 10%, it is **39, 20.909, 193.980**.

Distribution



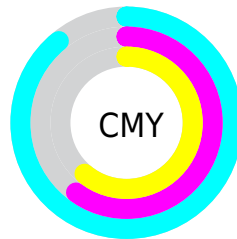
- Red (11%)
- Green (40%)
- Blue (39%)



- Red (11%)
- Yellow (26%)
- Blue (40%)



- Cyan (72%)
- Magenta (0%)
- Yellow (2%)
- Black (60%)



- Cyan (89%)
- Magenta (60%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 22.880, 193.566 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, 22.880, 193.566 by changing the saturation by 10% instead.

 39, 22.880,
193.566

 39, 22.880,
193.566

 100, 22.880,
193.566

 29, 22.880,
193.566

 59, 22.880,
193.566

 19, 22.880,
193.566

 69, 22.880,
193.566

 9, 22.880, 193.566

 79, 22.880,
193.566

 0, 22.880, 193.566

 89, 22.880,
193.566

 99, 22.880,
193.566

■ 39, 22.880,
193.566

■ 39, 22.880,
193.566

■ 39, 24.360,
193.171

■ 39, 20.909,
193.980

■ 39, 25.365,
192.793

■ 40, 18.462,
194.423

■ 39, 26.072,
192.490

■ 40, 15.574,
194.896

■ 41, 12.295,
195.401

■ 41, 8.684, 195.940

■ 42, 4.800, 196.524

■ 43, 0.702, 197.507

■ 44, 3.555, 17.526

■ 45, 7.924, 18.183

Harmonies

Complementary

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



39, 22.880, 193.566



23, 37.046, 27.743

Rectangle

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



39, 22.880, 193.566



39, 22.880, 243.566



39, 22.880, 13.566



39, 22.880, 63.566

Sweetspot

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



39, 22.880, 193.565



53, 10.913, 195.887



38, 50.166, 137.917



27, 7.235, 195.789



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, 22.880, 193.565



50, 30.280, 192.913



28, 24.043, 266.653



21, 2.324, 196.702



43, 28.368, 192.437



87, 49.263, 192.202

Inverse Universe

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



23, 37.046, 27.743



28, 55.326, 33.462



31, 30.560, 63.741



19, 2.443, 17.621



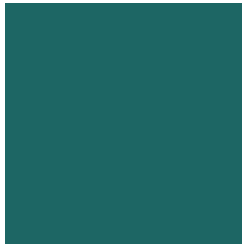
22, 55.198, 36.274



51, 99.500, 39.203

Previews

White Background



This preview shows how the CIELCh color 39, 22.880, 193.566 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, 22.880, 193.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

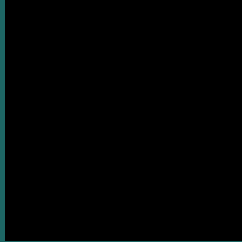
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 22.880, 193.566

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.880, 193.566.



This preview shows how white text looks on a background with the CIELCh color 39, 22.880, 193.566.

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, 22.880, 193.566

Protanopia

39, 1.305, 309.103

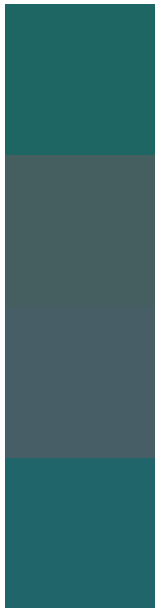
Deuteranopia

39, 8.966, 307.160



Tritanopia
39, 20.904, 210.777

Trichromacy



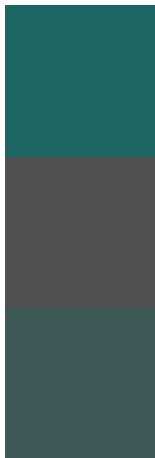
Original Color
39, 22.880, 193.566

Protanomaly
38, 10.075, 201.673

Deuteranomaly
38, 9.850, 228.571

Tritanomaly
39, 21.332, 205.290

Monochromacy



Original Color
39, 22.880, 193.566

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 10.636, 194.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.880, 193.566 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(29, 102, 100)` looks like.

```
.text, #text, p{  
    color:rgb(29, 102, 100)  
}
```

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(29, 102, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 102, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.880, 193.566 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(29, 102, 100) }
```

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

```
.border{ border-color:rgb(29, 102, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 102, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 102, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 102, 100);  
box-shadow:4px 4px 4px 4px rgb(29, 102,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.880, 193.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 102, 100) }
```

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

```
.background{ background-color: rgb(29, 102,  
100) }
```

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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