

Converting Colors

CIELCh(39, 23.011, 228.666)

Have a look what the booklet for
CIELCh(39, 23.011, 228.666)
contains.

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Color

CIELCh(39, 22.944, 228.161)

Conversions

Conversions Part 1

Format	Color
Hex	196477
RGB	25, 100, 119
RGB Percent	10%, 39%, 47%
CMY	0.9018, 0.6077, 0.5332
CMYK	0.79, 0.16, 0.00, 0.53
HSL	192°, 65%, 28%
HSV	192°, 79%, 47%
XYZ	8.2929, 10.6589, 19.0814
YIQ	79.7410, -50.7990, -9.9910

Conversions

Conversions Part 2

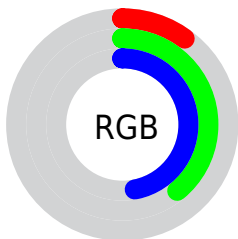
Format	Color
R_{YB}	25, 67, 119
Decimal	1664119
CIE _{Lab}	39.00, -15.30, -17.09
CIE _{LCh}	39, 22.944, 228.161
Yxy	10.6589, 0.2180, 0.2803
Android (android.graphics.Color)	4279854199 (0xFF196477)
YUV	79.7410, 19.3547, -48.0079
Hunter-Lab	32.6480, -11.7937, -11.7988

Details

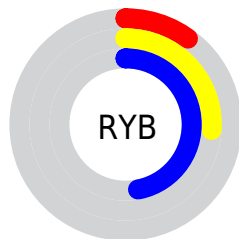
The CIELCh color **39, 22.944, 228.161** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 42.701, 42.037**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 22.938, 227.726**, and **20, 17.813, 241.568** is the 20% darker color. If you saturate the color by 10%, you get **38, 24.037, 230.930**, and if you desaturate by 10%, it is **40, 21.404, 225.930**.

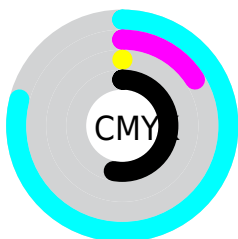
Distribution



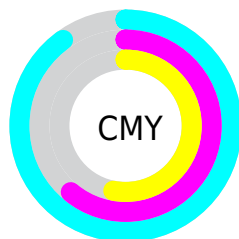
- Red (10%)
- Green (39%)
- Blue (47%)



- Red (10%)
- Yellow (26%)
- Blue (47%)



- Cyan (79%)
- Magenta (16%)
- Yellow (0%)
- Black (53%)





- Cyan (90%)
- Magenta (61%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 22.944, 228.161 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, 22.944, 228.161 by changing the saturation by 10% instead.


 39, 22.944,
228.161


 39, 22.944,
228.161

 100, 22.944,
228.161


 29, 22.944,
228.161

 59, 22.944,
228.161


 19, 22.944,
228.161


 69, 22.944,
228.161

 9, 22.944, 228.161

 79, 22.944,
228.161

 0, 22.944, 228.161

 89, 22.944,
228.161

 99, 22.944,
228.161

■ 39, 22.944,
228.161

■ 39, 22.944,
228.161

■ 38, 24.037,
230.930

■ 40, 21.404,
225.930

■ 37, 24.864,
234.067

■ 41, 19.400,
224.168

■ 37, 24.954,
234.385

■ 43, 16.948,
222.801

■ 44, 14.085,
221.760

■ 45, 10.862,
220.985

■ 47, 7.335, 220.430

■ 49, 3.557, 220.080

■ 50, 0.421, 38.824

Harmonies

Complementary

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



39, 22.944, 228.161



29, 42.701, 42.037

Rectangle

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



39, 22.944, 228.161



39, 22.944, 278.161



39, 22.944, 48.161



39, 22.944, 98.161

Sweetspot

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



39, 22.943, 228.161



59, 11.368, 220.719



44, 54.340, 142.370



30, 7.797, 220.894



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



39, 22.943, 228.161



49, 29.943, 233.718



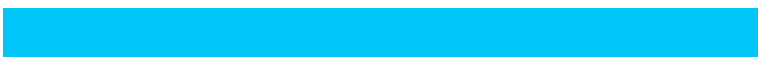
24, 43.424, 290.268



24, 2.208, 220.081



38, 25.465, 234.509



75, 43.406, 236.864

Inverse Universe

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



28, 51.972, 335.938



35, 67.835, 337.618



40, 40.343, 83.421



23, 4.134, 331.107



27, 57.692, 337.863



57, 97.029, 338.521

Previews

White Background



This preview shows how the CIE LCh color 39, 22.944, 228.161 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, 22.944, 228.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

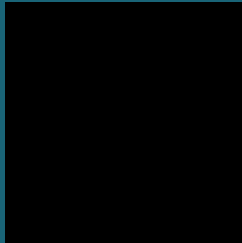
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 22.944, 228.161

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.944, 228.161.

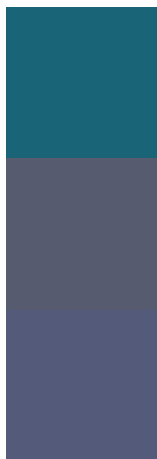


This preview shows how white text looks on a background with the CIELCh color 39, 22.944, 228.161.

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, 22.944, 228.161

Protanopia

39, 12.917, 285.404

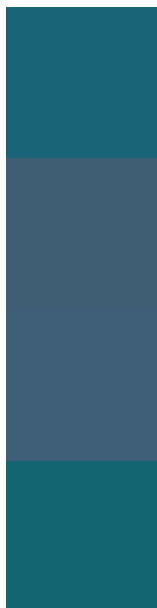
Deuteranopia

39, 19.063, 286.577



Tritanopia
39, 23.686, 208.844

Trichromacy



Original Color
39, 22.944, 228.161

Protanomaly
38, 16.141, 252.103

Deuteranomaly
39, 18.577, 258.522

Tritanomaly
39, 23.133, 215.707

Monochromacy



Original Color
39, 22.944, 228.161

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 10.910, 221.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.944, 228.161 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(25, 100, 119)` looks like.

```
.text, #text, p{  
    color:rgb(25, 100, 119)  
}
```

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(25, 100, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 100, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.944, 228.161 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(25, 100, 119) }
```

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

```
.border{ border-color:rgb(25, 100, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 100, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 100, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 100, 119);  
box-shadow:4px 4px 4px 4px rgb(25, 100,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.944, 228.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 100, 119) }
```

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

```
.background{ background-color: rgb(25, 100,  
119) }
```

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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