

Converting Colors

CIELCh(39, 10.745, 220.479)

Have a look what the booklet for
CIELCh(39, 10.745, 220.479)
contains.

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Color

CIELCh(39, 10.844, 221.727)

Conversions

Conversions Part 1

Format	Color
Hex	456067
RGB	69, 96, 103
RGB Percent	27%, 38%, 40%
CMY	0.7286, 0.6227, 0.5953
CMYK	0.33, 0.07, 0.00, 0.60
HSL	192°, 20%, 34%
HSV	192°, 33%, 40%
XYZ	9.1285, 10.6589, 14.4626
YIQ	88.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

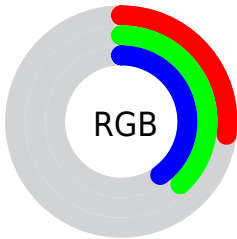
Format	Color
R_{YB}	69, 84, 103
Decimal	4546663
CIE _{Lab}	39.00, -8.09, -7.22
CIE _{LCh}	39, 10.844, 221.727
Yxy	10.6589, 0.2665, 0.3112
Android (android.graphics.Color)	4282736743 (0xFF456067)
YUV	88.7250, 7.0376, -17.2988
Hunter-Lab	32.6480, -7.2251, -3.4110

Details

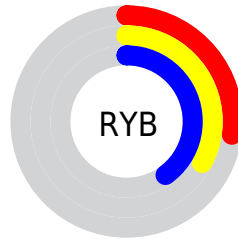
The CIELCh color **39, 10.844, 221.727** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 13.430, 39.822**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 11.046, 219.695**, and **19, 10.796, 220.263** is the 20% darker color. If you saturate the color by 10%, you get **38, 13.605, 222.593**, and if you desaturate by 10%, it is **40, 7.801, 221.082**.

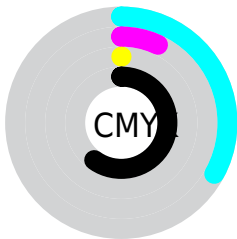
Distribution



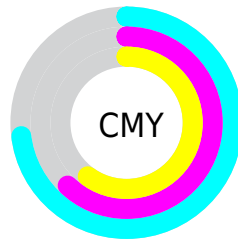
- Red (27%)
- Green (38%)
- Blue (40%)



- Red (27%)
- Yellow (33%)
- Blue (40%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)





- Cyan (73%)
- Magenta (62%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 10.844, 221.727 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, 10.844, 221.727 by changing the saturation by 10% instead.


 39, 10.844,
221.727


 39, 10.844,
221.727

 100, 10.844,
221.727


 29, 10.844,
221.727

 59, 10.844,
221.727


 19, 10.844,
221.727


 69, 10.844,
221.727

 9, 10.844, 221.727

 79, 10.844,
221.727

 0, 10.844, 221.727

 89, 10.844,
221.727

 99, 10.844,
221.727

■ 39, 10.844,
221.727

■ 39, 10.844,
221.727

■ 38, 13.605,
222.593

■ 40, 7.801, 221.082

■ 42, 4.523, 220.639

■ 37, 16.039,
223.744

■ 43, 1.055, 220.551

■ 35, 18.104,
225.236

■ 45, 2.563, 39.884

■ 34, 19.772,
227.138

■ 46, 6.296, 39.830

■ 48, 10.114, 39.788

■ 33, 21.040,
229.522

■ 50, 13.994, 39.788

■ 32, 21.947,
232.421

■ 51, 17.915, 39.825

■ 53, 21.861, 39.891

■ 32, 22.554,
234.476

Harmonies

Complementary

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



39, 10.844, 221.727



35, 13.430, 39.822

Rectangle

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



39, 10.844, 221.727



39, 10.844, 271.727



39, 10.844, 41.727



39, 10.844, 91.727

Sweetspot

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



39, 10.844, 221.723



55, 4.386, 220.557



40, 21.837, 148.160



28, 3.008, 220.586



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 10.844, 221.723



49, 15.928, 222.419



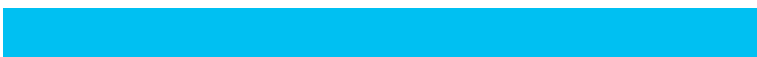
34, 15.280, 278.423



20, 1.961, 220.522



35, 24.340, 234.995



72, 42.483, 237.608

Inverse Universe

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



34, 21.841, 332.737



42, 32.910, 333.276



40, 15.194, 89.784



20, 3.665, 331.223



25, 54.998, 337.997



55, 94.534, 338.733

Previews

White Background



This preview shows how the CIE LCh color 39, 10.844, 221.727 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, 10.844, 221.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

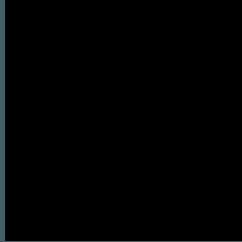
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

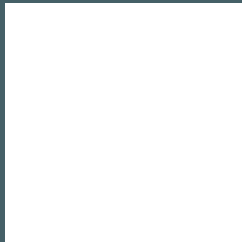
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 10.844, 221.727

Background



This preview shows how black text looks on a background with the CIELCh color 39, 10.844, 221.727.



This preview shows how white text looks on a background with the CIELCh color 39, 10.844, 221.727.

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, 10.844, 221.727

Protanopia

39, 5.518, 291.043

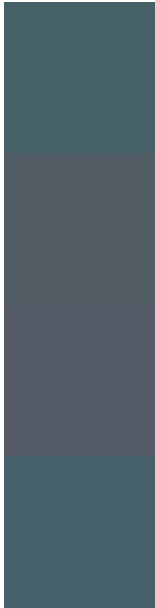
Deuteranopia

39, 10.060, 303.128



Tritanopia
39, 11.032, 224.856

Trichromacy



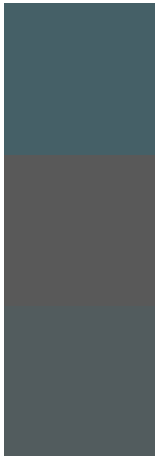
Original Color
39, 10.844, 221.727

Protanomaly
39, 6.213, 251.385

Deuteranomaly
39, 7.781, 270.656

Tritanomaly
39, 11.032, 224.856

Monochromacy



Original Color
39, 10.844, 221.727

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 4.223, 215.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 10.844, 221.727 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(69, 96, 103)` looks like.

```
.text, #text, p{  
    color:rgb(69, 96, 103)  
}
```

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(69, 96, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 96, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 10.844, 221.727 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(69, 96, 103) }
```

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

```
.border{ border-color:rgb(69, 96, 103) }
```

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

Here you see how a box with a 4 pixel rgb(69, 96, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 96, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 96, 103);  
box-shadow:4px 4px 4px 4px rgb(69, 96,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 10.844, 221.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 96, 103) }
```

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

```
.background{ background-color: rgb(69, 96,  
103) }
```

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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