

Converting Colors

CIELCh(39, 14.628, 226.320)

Have a look what the booklet for
CIELCh(39, 14.628, 226.320)
contains.

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Color

CIELCh(39, 14.629, 228.464)

Conversions

Conversions Part 1

Format	Color
Hex	3C616D
RGB	60, 97, 109
RGB Percent	24%, 38%, 43%
CMY	0.7640, 0.6189, 0.5718
CMYK	0.45, 0.11, 0.00, 0.57
HSL	195°, 29%, 33%
HSV	195°, 45%, 43%
XYZ	8.9376, 10.6589, 16.1085
YIQ	87.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

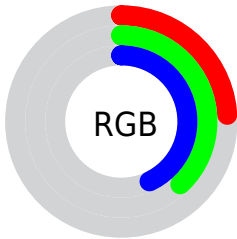
Format	Color
R _Y B	60, 81, 109
Decimal	3957101
CIE Lab	39.00, -9.70, -10.95
CIE LCh	39, 14.629, 228.464
Yxy	10.6589, 0.2503, 0.2985
Android (android.graphics.Color)	4282147181 (0xFF3C616D)
YUV	87.3050, 10.6956, -23.9465
Hunter-Lab	32.6480, -8.2687, -6.4000

Details

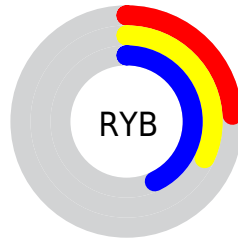
The CIELCh color **39, 14.629, 228.464** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 19.679, 43.779**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 14.591, 226.322**, and **19, 14.715, 228.506** is the 20% darker color. If you saturate the color by 10%, you get **38, 17.132, 230.012**, and if you desaturate by 10%, it is **40, 11.798, 227.252**.

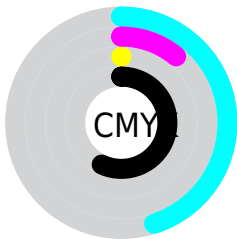
Distribution



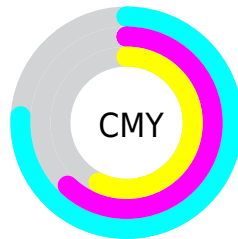
- Red (24%)
- Green (38%)
- Blue (43%)



- Red (24%)
- Yellow (32%)
- Blue (43%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (62%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 14.629, 228.464 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, 14.629, 228.464 by changing the saturation by 10% instead.


 39, 14.629,
228.464

 39, 14.629,
228.464

 100, 14.629,
228.464

 29, 14.629,
228.464

 59, 14.629,
228.464

 19, 14.629,
228.464

 69, 14.629,
228.464

 9, 14.629, 228.464

 79, 14.629,
228.464

 0, 14.629, 228.464

 89, 14.629,
228.464

 99, 14.629,
228.464

■ 39, 14.629,
228.464

■ 39, 14.629,
228.464

■ 38, 17.132,
230.012

■ 40, 11.798,
227.252

■ 36, 19.273,
231.976

■ 42, 8.685, 226.322

■ 44, 5.334, 225.625

■ 35, 21.035,
234.432

■ 45, 1.789, 225.206

■ 34, 22.425,
237.453

■ 47, 1.910, 44.430

■ 49, 5.726, 44.250

■ 33, 23.522,
241.010

■ 51, 9.632, 44.062

■ 32, 24.091,
242.794

■ 52, 13.602, 43.927

■ 54, 17.616, 43.840

Harmonies

Complementary

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



39, 14.629, 228.464



35, 19.679, 43.779

Rectangle

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



39, 14.629, 228.464



39, 14.629, 278.464



39, 14.629, 48.464



39, 14.629, 98.464

Sweetspot

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



39, 14.629, 228.462



57, 5.829, 225.539



42, 30.158, 148.086



28, 4.034, 225.638



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, 14.629, 228.462



49, 20.949, 230.119



32, 23.049, 283.075



21, 2.010, 225.324



35, 25.394, 243.187



70, 44.322, 246.091

Inverse Universe

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



33, 30.051, 335.115



40, 44.214, 335.923



41, 22.422, 90.768



21, 3.714, 332.661



25, 54.339, 340.390



55, 92.594, 341.309

Previews

White Background



This preview shows how the CIE LCh color 39, 14.629, 228.464 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 CIE LCh color 39, 14.629, 228.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

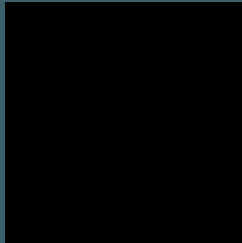
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

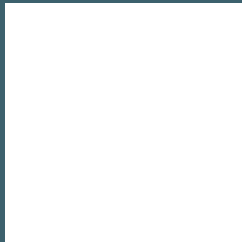
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 14.629, 228.464

Background



This preview shows how black text looks on a background with the CIELCh color 39, 14.629, 228.464.



This preview shows how white text looks on a background with the CIELCh color 39, 14.629, 228.464.

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, 14.629, 228.464

Protanopia

39, 8.601, 286.250

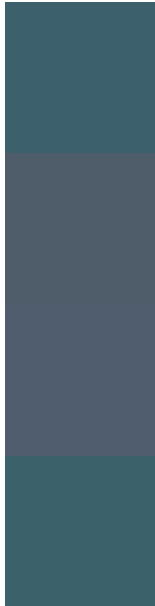
Deuteranopia

39, 12.893, 293.872



Tritanopia
39, 14.489, 217.772

Trichromacy



Original Color
39, 14.629, 228.464

Protanomaly
39, 9.941, 259.114

Deuteranomaly
39, 11.347, 266.248

Tritanomaly
39, 14.613, 220.214

Monochromacy



Original Color
39, 14.629, 228.464

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 6.045, 222.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 14.629, 228.464 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(60, 97, 109)` looks like.

```
.text, #text, p{  
    color:rgb(60, 97, 109)  
}
```

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(60, 97, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 97, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 14.629, 228.464 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(60, 97, 109) }
```

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

```
.border{ border-color:rgb(60, 97, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 97, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 97, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 97, 109);  
box-shadow:4px 4px 4px 4px rgb(60, 97,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 14.629, 228.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 97, 109) }
```

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

```
.background{ background-color: rgb(60, 97,  
109) }
```

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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