

Converting Colors

CIELCh(39, 14.669, 214.898)

Have a look what the booklet for
CIELCh(39, 14.669, 214.898)
contains.

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Color

CIELCh(39, 14.669, 214.921)

Conversions

Conversions Part 1

Format	Color
Hex	3A6269
RGB	58, 98, 105
RGB Percent	23%, 38%, 41%
CMY	0.7725, 0.6156, 0.5882
CMYK	0.45, 0.07, 0.00, 0.59
HSL	189°, 29%, 32%
HSV	189°, 45%, 41%
XYZ	8.6659, 10.6589, 14.9700
YIQ	86.8380, -26.0870, -6.3030

Conversions

Conversions Part 2

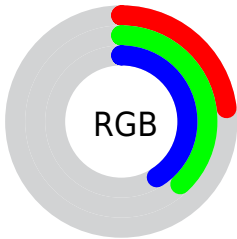
Format	Color
R_{YB}	58, 80, 105
Decimal	3826281
CIE Lab	39.00, -12.03, -8.40
CIE LCh	39, 14.669, 214.921
Yxy	10.6589, 0.2527, 0.3108
Android (android.graphics.Color)	4282016361 (0xFF3A6269)
YUV	86.8380, 8.9539, -25.2909
Hunter-Lab	32.6480, -9.7540, -4.3325

Details

The CIELCh color **39, 14.669, 214.921** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 20.105, 34.947**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 14.730, 213.909**, and **19, 14.679, 216.309** is the 20% darker color. If you saturate the color by 10%, you get **38, 17.083, 215.655**, and if you desaturate by 10%, it is **40, 11.879, 214.402**.

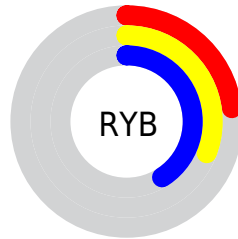
Distribution



Red (23%)

Green (38%)

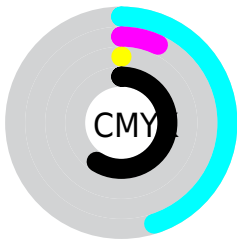
Blue (41%)



Red (23%)

Yellow (31%)

Blue (41%)

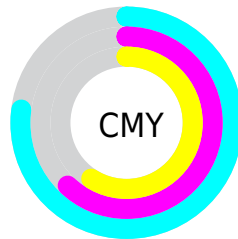


Cyan (45%)

Magenta (7%)

Yellow (0%)

Black (59%)



Cyan (77%)


Magenta (62%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 14.669, 214.921 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, 14.669, 214.921 by changing the saturation by 10% instead.


 39, 14.669,
214.921


 39, 14.669,
214.921

 100, 14.669,
214.921


 29, 14.669,
214.921

 59, 14.669,
214.921


 19, 14.669,
214.921


 69, 14.669,
214.921

 9, 14.669, 214.921

 79, 14.669,
214.921

 0, 14.669, 214.921

 89, 14.669,
214.921

 99, 14.669,
214.921

■ 39, 14.669,
214.921

■ 39, 14.669,
214.921

■ 38, 17.083,
215.655

■ 40, 11.879,
214.402

■ 37, 19.077,
216.656

■ 41, 8.765, 214.068

■ 42, 5.381, 213.890

■ 36, 20.621,
217.975

■ 44, 1.777, 213.932

■ 35, 21.708,
219.666

■ 45, 2.000, 33.566

■ 35, 22.402,
221.724

■ 47, 5.909, 33.752

■ 48, 9.916, 33.901

■ 34, 22.748,
222.801

■ 50, 13.992, 34.077

■ 51, 18.114, 34.279

Harmonies

Complementary

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



39, 14.669, 214.921



32, 20.105, 34.947

Rectangle

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



39, 14.669, 214.921



39, 14.669, 264.921



39, 14.669, 34.921



39, 14.669, 84.921

Sweetspot

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



39, 14.669, 214.918



55, 5.944, 213.878



40, 31.349, 144.887



28, 4.110, 213.894



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, 14.669, 214.918



49, 20.955, 215.724



32, 19.521, 275.696



22, 2.114, 213.867



39, 24.595, 223.179



77, 42.249, 224.994

Inverse Universe

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



32, 30.984, 331.400



39, 45.783, 332.047



38, 20.044, 82.788



21, 3.976, 329.281



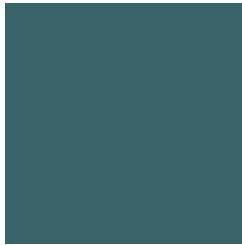
26, 58.217, 334.888



56, 99.531, 335.348

Previews

White Background



This preview shows how the CIE LCh color 39, 14.669, 214.921 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, 14.669, 214.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

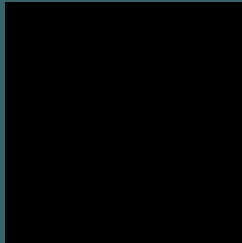
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

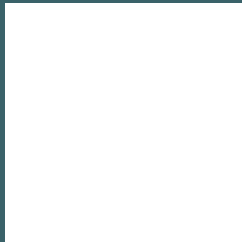
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 14.669, 214.921

Background



This preview shows how black text looks on a background with the CIELCh color 39, 14.669, 214.921.



This preview shows how white text looks on a background with the CIELCh color 39, 14.669, 214.921.

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, 14.669, 214.921

Protanopia

39, 5.526, 286.849

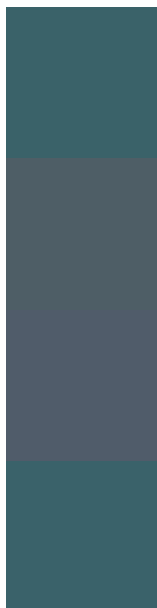
Deuteranopia

39, 11.196, 299.983



Tritanopia
39, 14.763, 217.359

Trichromacy



Original Color
39, 14.669, 214.921

Protanomaly
39, 7.787, 238.006

Deuteranomaly
39, 9.610, 262.935

Tritanomaly
39, 14.763, 217.359

Monochromacy



Original Color
39, 14.669, 214.921

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 6.227, 216.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 14.669, 214.921 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(58, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(58, 98, 105)  
}
```

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(58, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 98, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 14.669, 214.921 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(58, 98, 105) }
```

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

```
.border{ border-color:rgb(58, 98, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 98, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 98, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 98, 105);  
box-shadow:4px 4px 4px 4px rgb(58, 98,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 14.669, 214.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 98, 105) }
```

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

```
.background{ background-color: rgb(58, 98,  
105) }
```

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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