

Converting Colors

CIELCh(39, 15.902, 217.445)

Have a look what the booklet for
CIELCh(39, 15.902, 217.445)
contains.

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Color

CIELCh(39, 15.922, 218.156)

Conversions

Conversions Part 1

Format	Color
Hex	36626B
RGB	54, 98, 107
RGB Percent	21%, 38%, 42%
CMY	0.7869, 0.6144, 0.5791
CMYK	0.49, 0.08, 0.00, 0.58
HSL	190°, 33%, 32%
HSV	190°, 49%, 42%
XYZ	8.6092, 10.6589, 15.6051
YIQ	85.8700, -29.1130, -6.5290

Conversions

Conversions Part 2

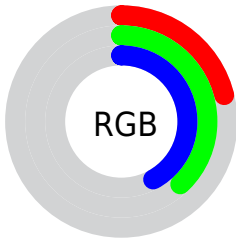
Format	Color
RYB	54, 78, 107
Decimal	3564139
CIELab	39.00, -12.52, -9.84
CIElCh	39, 15.922, 218.156
Yxy	10.6589, 0.2469, 0.3056
Android (android.graphics.Color)	4281754219 (0xFF36626B)
YUV	85.8700, 10.4171, -27.9500
Hunter-Lab	32.6480, -10.0642, -5.4857




Details

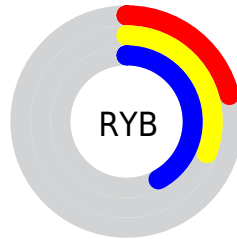
The CIELCh color **39, 15.922, 218.156** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 22.665, 37.055**, and the grayscale version is **37, 0.005, 296.813**.




A 20% lighter version of the original color is **59, 15.811, 217.091**, and **19, 15.612, 220.557** is the 20% darker color. If you saturate the color by 10%, you get **38, 18.173, 219.203**, and if you desaturate by 10%, it is **40, 13.277, 217.377**.

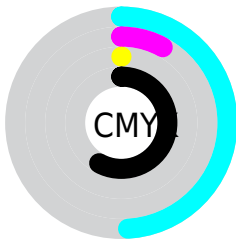
Distribution







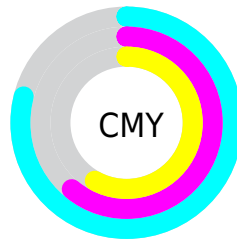
-  Red (21%)
-  Green (38%)
-  Blue (42%)






-  Red (21%)
-  Yellow (31%)
-  Blue (42%)



-  Cyan (49%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (58%)





-  Cyan (79%)
-  Magenta (61%)
-  Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 15.922, 218.156 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, 15.922, 218.156 by changing the saturation by 10% instead.


 39, 15.922,
218.156


 39, 15.922,
218.156

 100, 15.922,
218.156


 29, 15.922,
218.156

 59, 15.922,
218.156


 19, 15.922,
218.156


 69, 15.922,
218.156

 9, 15.922, 218.156

 79, 15.922,
218.156

 0, 15.922, 218.156

 89, 15.922,
218.156

 99, 15.922,
218.156

■ 39, 15.922,
218.156

■ 39, 15.922,
218.156

■ 38, 18.173,
219.203

■ 40, 13.277,
217.377

■ 37, 19.992,
220.581

■ 41, 10.286,
216.824

■ 36, 21.361,
222.350

■ 43, 7.003, 216.456

■ 35, 22.288,
224.572

■ 44, 3.479, 216.265

■ 35, 22.984,
227.037

■ 45, 0.237, 34.565

■ 34, 23.030,
227.187

■ 47, 4.103, 35.910

■ 48, 8.082, 35.979

■ 50, 12.143, 36.074

■ 52, 16.261, 36.201

Harmonies

Complementary

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



39, 15.922, 218.156



32, 22.665, 37.055

Rectangle

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



39, 15.922, 218.156



39, 15.922, 268.156



39, 15.922, 38.156



39, 15.922, 88.156

Sweetspot

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



39, 15.922, 218.154



56, 6.829, 216.358



41, 34.203, 145.405



29, 4.675, 216.394



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, 15.922, 218.154



49, 22.330, 219.359



31, 22.996, 279.407



22, 2.084, 216.263



38, 24.531, 227.536



76, 42.240, 229.635

Inverse Universe

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



31, 34.063, 332.457



38, 49.367, 333.175



39, 23.129, 84.984



21, 3.918, 329.979



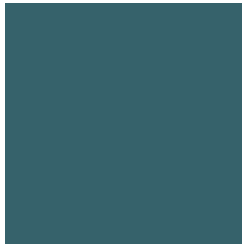
26, 57.324, 336.001



56, 97.923, 336.550

Previews

White Background



This preview shows how the CIE LCh color 39, 15.922, 218.156 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, 15.922, 218.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

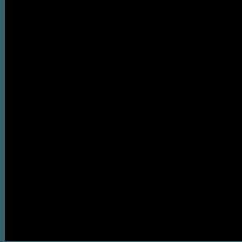
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.922, 218.156

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.922, 218.156.



This preview shows how white text looks on a background with the CIELCh color 39, 15.922, 218.156.

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, 15.922, 218.156

Protanopia

39, 6.748, 287.827

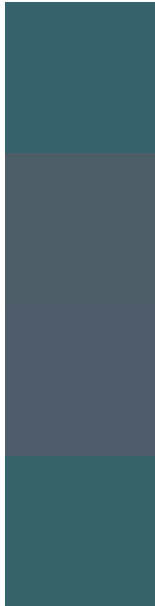
Deuteranopia

39, 12.363, 297.501



Tritanopia
39, 15.826, 215.886

Trichromacy



Original Color
39, 15.922, 218.156

Protanomaly
39, 8.790, 243.242

Deuteranomaly
38, 10.983, 262.977

Tritanomaly
39, 15.826, 215.886

Monochromacy



Original Color
39, 15.922, 218.156

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 6.751, 220.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.922, 218.156 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(54, 98, 107)` looks like.

```
.text, #text, p{  
    color:rgb(54, 98, 107)  
}
```

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(54, 98, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 98, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 15.922, 218.156 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(54, 98, 107) }
```

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

```
.border{ border-color:rgb(54, 98, 107) }
```

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

Here you see how a box with a 4 pixel rgb(54, 98, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 98, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 98, 107);  
box-shadow:4px 4px 4px 4px rgb(54, 98,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 15.922, 218.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 98, 107) }
```

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

```
.background{ background-color: rgb(54, 98,  
107) }
```

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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