

Converting Colors

CIELCh(39, 22.776, 260.742)

Have a look what the booklet for
CIELCh(39, 22.776, 260.742)
contains.

CIELCh(39, 22.949, 261.226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 22.949, 261.226)

Conversions

Conversions Part 1

Format	Color
Hex	385F80
RGB	56, 95, 128
RGB Percent	22%, 37%, 50%
CMY	0.7790, 0.6262, 0.4967
CMYK	0.56, 0.26, 0.00, 0.50
HSL	208°, 39%, 36%
HSV	208°, 56%, 50%
XYZ	9.6888, 10.6589, 22.0837
YIQ	87.1010, -33.8370, 1.9950

Conversions

Conversions Part 2

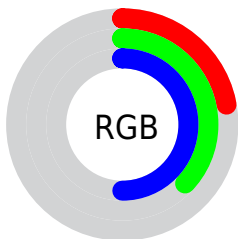
Format	Color
R_{YB}	56, 81, 128
Decimal	3694464
CIE _{Lab}	39.00, -3.50, -22.68
CIE _{LCh}	39, 22.949, 261.226
Yxy	10.6589, 0.2283, 0.2512
Android (android.graphics.Color)	4281884544 (0xFF385F80)
YUV	87.1010, 20.1632, -27.2756
Hunter-Lab	32.6480, -4.1614, -17.2512

Details

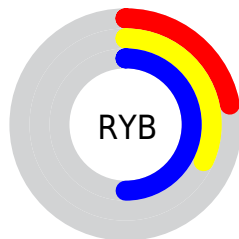
The CIELCh color **39, 22.949, 261.226** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **41, 28.084, 64.557**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 23.121, 261.525**, and **19, 22.716, 264.351** is the 20% darker color. If you saturate the color by 10%, you get **37, 26.641, 264.362**, and if you desaturate by 10%, it is **42, 19.127, 258.563**.

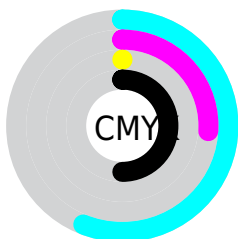
Distribution



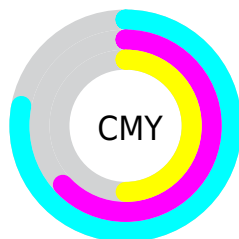
- Red (22%)
- Green (37%)
- Blue (50%)



- Red (22%)
- Yellow (32%)
- Blue (50%)



- Cyan (56%)
- Magenta (26%)
- Yellow (0%)
- Black (50%)




- Cyan (78%)
- Magenta (63%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 22.949, 261.226 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, 22.949, 261.226 by changing the saturation by 10% instead.


 39, 22.949,
261.226


 39, 22.949,
261.226

 100, 22.949,
261.226


 29, 22.949,
261.226

 59, 22.949,
261.226


 19, 22.949,
261.226


 69, 22.949,
261.226

 9, 22.949, 261.226

 79, 22.949,
261.226

 0, 22.949, 261.226

 89, 22.949,
261.226

 99, 22.949,
261.226

■ 39, 22.949,
261.226

■ 39, 22.949,
261.226

■ 37, 26.641,
264.362

■ 42, 19.127,
258.563

■ 34, 30.231,
267.996

■ 44, 15.172,
256.324

■ 32, 33.772,
272.102

■ 47, 11.093,
254.449

■ 30, 37.352,
276.502

■ 49, 6.908, 252.886

■ 29, 38.804,
278.102

■ 52, 2.639, 251.626

■ 55, 1.694, 70.222

■ 58, 6.069, 69.389

■ 60, 10.471, 68.591

■ 63, 14.884, 67.892

Harmonies

Complementary

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



39, 22.949, 261.226



41, 28.084, 64.557

Rectangle

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



39, 22.949, 261.226



39, 22.949, 311.226



39, 22.949, 81.226



39, 22.949, 131.226

Sweetspot

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



39, 22.948, 261.226



62, 8.984, 253.072



48, 35.560, 155.348



32, 6.047, 253.313



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 22.948, 261.226



47, 33.169, 265.200



28, 43.901, 296.497



25, 2.421, 251.965



29, 38.600, 278.068



0, 0.000, 0.000

Inverse Universe

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



35, 36.765, 347.095



41, 52.142, 349.072



51, 38.135, 102.712



25, 3.696, 342.142



27, 51.385, 356.843



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 22.949, 261.226 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, 22.949, 261.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

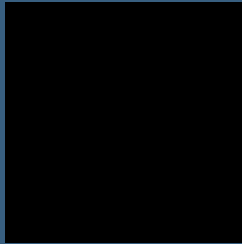
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

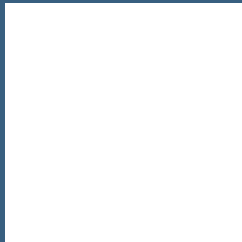
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 22.949, 261.226

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.949, 261.226.

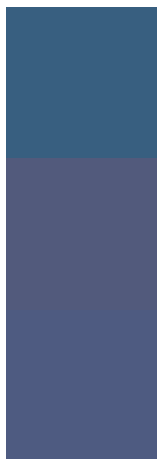


This preview shows how white text looks on a background with the CIELCh color 39, 22.949, 261.226.

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, 22.949, 261.226

Protanopia

39, 20.938, 285.620

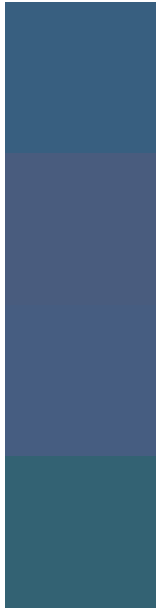
Deuteranopia

39, 23.501, 282.883



Tritanopia
39, 17.569, 213.821

Trichromacy



Original Color
39, 22.949, 261.226

Protanomaly
39, 21.515, 275.956

Deuteranomaly
39, 22.937, 274.198

Tritanomaly
39, 18.070, 233.407

Monochromacy



Original Color
39, 22.949, 261.226

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 9.005, 254.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.949, 261.226 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(56, 95, 128)` looks like.

```
.text, #text, p{  
    color:rgb(56, 95, 128)  
}
```

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(56, 95, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 95, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.949, 261.226 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(56, 95, 128) }
```

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

```
.border{ border-color:rgb(56, 95, 128) }
```

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

Here you see how a box with a 4 pixel rgb(56, 95, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 95, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 95, 128);  
box-shadow:4px 4px 4px 4px rgb(56, 95,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.949, 261.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 95, 128) }
```

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

```
.background{ background-color: rgb(56, 95,  
128) }
```

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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