

Converting Colors

CIELCh(39, 28.247, 277.991)

Have a look what the booklet for
CIELCh(39, 28.247, 277.991)
contains.

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Color

CIELCh(39, 28.215, 278.303)

Conversions

Conversions Part 1

Format	Color
Hex	435C89
RGB	67, 92, 137
RGB Percent	26%, 36%, 54%
CMY	0.7371, 0.6391, 0.4627
CMYK	0.51, 0.33, 0.00, 0.46
HSL	219°, 34%, 40%
HSV	219°, 51%, 54%
XYZ	10.6624, 10.6589, 25.1710
YIQ	89.6550, -29.3450, 8.6950

Conversions

Conversions Part 2

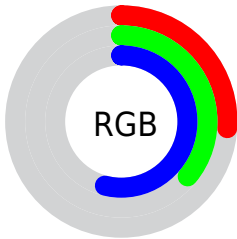
Format	Color
R_{YB}	67, 85, 137
Decimal	4414601
CIE _{Lab}	39.00, 4.07, -27.92
CIE _{LCh}	39, 28.215, 278.303
Yxy	10.6589, 0.2293, 0.2293
Android (android.graphics.Color)	4282604681 (0xFF435C89)
YUV	89.6550, 23.3411, -19.8684
Hunter-Lab	32.6480, 1.1616, -22.8579

Details

The CIELCh color **39, 28.215, 278.303** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **49, 28.825, 82.574**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 28.413, 278.331**, and **19, 28.090, 277.926** is the 20% darker color. If you saturate the color by 10%, you get **36, 33.990, 281.041**, and if you desaturate by 10%, it is **42, 22.540, 275.927**.

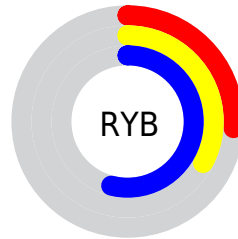
Distribution



Red (26%)

Green (36%)

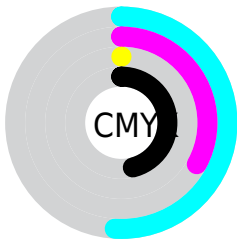
Blue (54%)



Red (26%)

Yellow (33%)

Blue (54%)

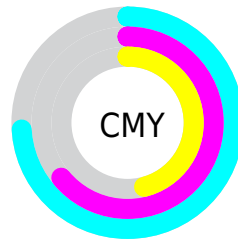


Cyan (51%)

Magenta (33%)

Yellow (0%)

Black (46%)



Cyan (74%)


Magenta (64%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 28.215, 278.303 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, 28.215, 278.303 by changing the saturation by 10% instead.


 39, 28.215,
278.303


 39, 28.215,
278.303


 100, 28.215,
278.303


 29, 28.215,
278.303

 59, 28.215,
278.303


 19, 28.215,
278.303


 69, 28.215,
278.303

 9, 28.215, 278.303

 79, 28.215,
278.303

 0, 28.215, 278.303

 89, 28.215,
278.303

 99, 28.215,
278.303

■ 39, 28.215,
278.303

■ 39, 28.215,
278.303

■ 36, 33.990,
281.041

■ 42, 22.540,
275.927

■ 32, 39.895,
284.141

■ 46, 16.948,
273.882

■ 29, 45.953,
287.559

■ 50, 11.427,
272.131

■ 26, 52.158,
291.180

■ 53, 5.973, 270.638

■ 24, 57.783,
294.258

■ 57, 0.586, 269.639

■ 60, 4.731, 88.139

■ 64, 9.977, 87.181

■ 67, 15.147, 86.329

■ 71, 20.241, 85.574

Harmonies

Complementary

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



39, 28.215, 278.303



49, 28.825, 82.574

Rectangle

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



39, 28.215, 278.303



39, 28.215, 328.303



39, 28.215, 98.303



39, 28.215, 148.303

Sweetspot

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



39, 28.214, 278.303



66, 10.055, 271.242



52, 29.437, 166.123



33, 6.840, 271.514



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 28.214, 278.303



46, 42.166, 281.412



33, 44.174, 300.831



27, 3.050, 270.380



23, 56.238, 294.134



0, 1.409, 269.182

Inverse Universe

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



38, 32.772, 358.431



46, 47.896, 0.779



55, 38.791, 111.700



27, 3.505, 352.889



27, 52.480, 14.138



0, 1.602, 352.123

Previews

White Background



This preview shows how the CIE LCh color 39, 28.215, 278.303 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, 28.215, 278.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

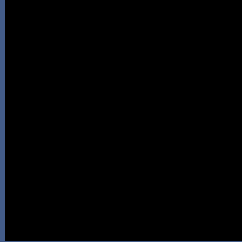
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 28.215, 278.303

Background



This preview shows how black text looks on a background with the CIELCh color 39, 28.215, 278.303.



This preview shows how white text looks on a background with the CIELCh color 39, 28.215, 278.303.

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, 28.215, 278.303

Protanopia

39, 27.741, 284.867

Deuteranopia

39, 28.555, 281.612



Tritanopia
39, 15.033, 216.965

Trichromacy



Original Color
39, 28.215, 278.303

Protanomaly
39, 27.871, 282.363

Deuteranomaly
39, 28.607, 281.051

Tritanomaly
39, 17.026, 247.946

Monochromacy



Original Color
39, 28.215, 278.303

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 10.312, 272.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 28.215, 278.303 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(67, 92, 137)` looks like.

```
.text, #text, p{  
    color:rgb(67, 92, 137)  
}
```

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(67, 92, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 92, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 28.215, 278.303 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(67, 92, 137) }
```

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

```
.border{ border-color:rgb(67, 92, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 92, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 92, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 92, 137);  
box-shadow:4px 4px 4px 4px rgb(67, 92,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 28.215, 278.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 92, 137) }
```

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

```
.background{ background-color: rgb(67, 92,  
137) }
```

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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