

Converting Colors

CIELCh(39, 27.088, 303.428)

Have a look what the booklet for
CIELCh(39, 27.088, 303.428)
contains.

CIELCh(39, 27.424, 303.170)	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, 27.424, 303.170)

Conversions

Conversions Part 1

Format	Color
Hex	615581
RGB	97, 85, 129
RGB Percent	38%, 33%, 51%
CMY	0.6190, 0.6661, 0.4935
CMYK	0.25, 0.34, 0.00, 0.49
HSL	256°, 21%, 42%
HSV	256°, 34%, 51%
XYZ	12.1789, 10.6589, 22.2391
YIQ	93.6040, -6.9720, 16.2280

Conversions

Conversions Part 2

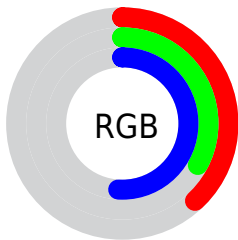
Format	Color
R_{YB}	97, 85, 129
Decimal	6378881
CIE _{Lab}	39.00, 15.00, -22.96
CIE _{LCh}	39, 27.424, 303.170
Yxy	10.6589, 0.2702, 0.2365
Android (android.graphics.Color)	4284568961 (0xFF615581)
YUV	93.6040, 17.4502, 2.9783
Hunter-Lab	32.6480, 9.4531, -17.5333

Details

The CIELCh color $[39, 27.424, 303.170]$ is a dark color, and the websafe version is hex `666699`. A complement of this color would be $[52, 25.596, 118.791]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 27.167, 302.686]$, and $[19, 26.959, 303.020]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 36.037, 304.061]$, and if you desaturate by 10%, it is $[43, 19.049, 302.362]$.

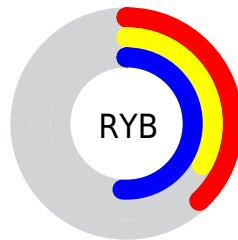
Distribution



Red (38%)

Green (33%)

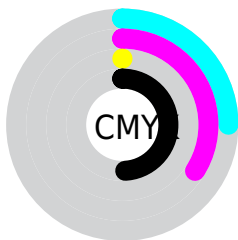
Blue (51%)



Red (38%)

Yellow (33%)

Blue (51%)

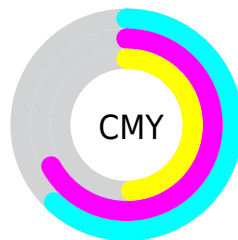


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (49%)



Cyan (62%)


Magenta (67%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 27.424, 303.170 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, 27.424, 303.170 by changing the saturation by 10% instead.


 39, 27.424,
303.170


 39, 27.424,
303.170

 100, 27.424,
303.170


 29, 27.424,
303.170

 59, 27.424,
303.170


 19, 27.424,
303.170


 69, 27.424,
303.170

 9, 27.424, 303.170

 79, 27.424,
303.170

 0, 27.424, 303.170

 89, 27.424,
303.170

 99, 27.424,
303.170

■ 39, 27.424,
303.170

■ 39, 27.424,
303.170

■ 35, 36.037,
304.061

■ 43, 19.049,
302.362

■ 30, 44.809,
305.014

■ 48, 10.945,
301.641

■ 26, 53.564,
305.987

■ 52, 3.118, 301.002

■ 22, 61.962,
306.897

■ 57, 4.439, 120.463

■ 19, 69.432,
307.611

■ 61, 11.738,
119.977

■ 17, 75.236,
307.978

■ 65, 18.792,
119.558

■ 15, 78.482,
308.252

■ 70, 25.615,
119.196

■ 74, 32.222,
118.884

■ 78, 38.627,
118.614

Harmonies

Complementary

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



39, 27.424, 303.170



52, 25.596, 118.791

Rectangle

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



39, 27.424, 303.170



39, 27.424, 353.170



39, 27.424, 123.170



39, 27.424, 173.170

Sweetspot

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



39, 27.423, 303.170



64, 9.592, 301.387



47, 13.206, 230.260



32, 6.527, 301.463



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, 27.423, 303.170



47, 41.489, 303.866



41, 29.535, 319.227



25, 4.300, 301.314



15, 77.742, 308.264



0, 0.000, 0.000

Inverse Universe

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



42, 25.918, 335.521



51, 38.497, 336.126



51, 29.015, 136.114



25, 4.215, 333.754



28, 56.531, 342.343



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 27.424, 303.170 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, 27.424, 303.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

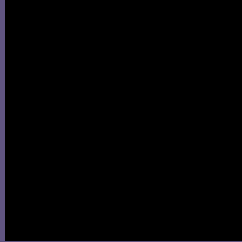
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 27.424, 303.170

Background



This preview shows how black text looks on a background with the CIELCh color 39, 27.424, 303.170.

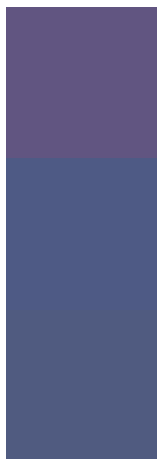


This preview shows how white text looks on a background with the CIELCh color 39, 27.424, 303.170.

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, 27.424, 303.170

Protanopia

39, 26.474, 285.501

Deuteranopia

39, 22.815, 284.070



Tritanopia
39, 4.906, 290.950

Trichromacy



Original Color
39, 27.424, 303.170

Protanomaly
39, 26.968, 292.062

Deuteranomaly
39, 23.892, 291.268

Tritanomaly
39, 13.017, 299.024

Monochromacy



Original Color
39, 27.424, 303.170

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 9.948, 300.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 27.424, 303.170 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(97, 85, 129)` looks like.

```
.text, #text, p{  
    color:rgb(97, 85, 129)  
}
```

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(97, 85, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 85, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 27.424, 303.170 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(97, 85, 129) }
```

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

```
.border{ border-color:rgb(97, 85, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 85, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 85, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 85, 129);  
box-shadow:4px 4px 4px 4px rgb(97, 85,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 27.424, 303.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 85, 129) }
```

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

```
.background{ background-color: rgb(97, 85,  
129) }
```

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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