

Converting Colors

CIELCh(39, 25.380, 302.787)

Have a look what the booklet for
CIELCh(39, 25.380, 302.787)
contains.

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Color

CIELCh(39, 25.537, 302.863)

Conversions

Conversions Part 1

Format	Color
Hex	61567F
RGB	97, 86, 127
RGB Percent	38%, 34%, 50%
CMY	0.6208, 0.6639, 0.5032
CMYK	0.24, 0.32, 0.00, 0.50
HSL	256°, 19%, 42%
HSV	256°, 32%, 50%
XYZ	12.0134, 10.6589, 21.3974
YIQ	93.9630, -6.6050, 15.0830

Conversions

Conversions Part 2

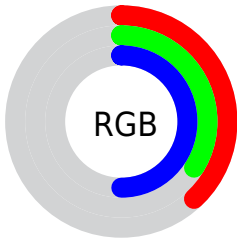
Format	Color
R_{YB}	97, 86, 127
Decimal	6379135
CIE _{Lab}	39.00, 13.86, -21.45
CIE _{LCh}	39, 25.537, 302.863
Yxy	10.6589, 0.2726, 0.2419
Android (android.graphics.Color)	4284569215 (0xFF61567F)
YUV	93.9630, 16.2872, 2.6634
Hunter-Lab	32.6480, 8.5481, -16.0049

Details

The CIELCh color $[39, 25.537, 302.863]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[51, 23.926, 118.703]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 25.412, 302.441]$, and $[19, 25.540, 302.379]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 33.977, 303.748]$, and if you desaturate by 10%, it is $[43, 17.341, 302.064]$.

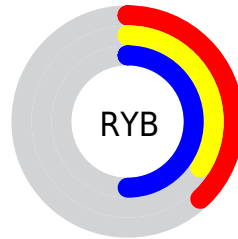
Distribution



Red (38%)

Green (34%)

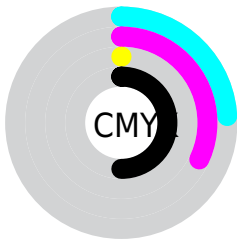
Blue (50%)



Red (38%)

Yellow (34%)

Blue (50%)

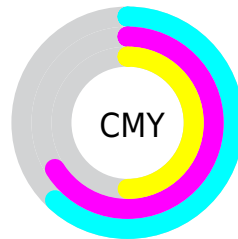


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (50%)



Cyan (62%)


Magenta (66%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 25.537, 302.863 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, 25.537, 302.863 by changing the saturation by 10% instead.


 39, 25.537,
302.863


 39, 25.537,
302.863

 100, 25.537,
302.863


 29, 25.537,
302.863

 59, 25.537,
302.863


 19, 25.537,
302.863


 69, 25.537,
302.863

 9, 25.537, 302.863

 79, 25.537,
302.863

 0, 25.537, 302.863

 89, 25.537,
302.863

 99, 25.537,
302.863

■ 39, 25.537,
302.863

■ 39, 25.537,
302.863

■ 35, 33.977,
303.748

■ 43, 17.341,
302.064

■ 30, 42.597,
304.703

■ 48, 9.415, 301.354

■ 26, 51.245,
305.689

■ 52, 1.762, 300.718

■ 56, 5.627, 120.194

■ 23, 59.626,
306.633

■ 61, 12.764,
119.718

■ 19, 67.221,
307.412

■ 65, 19.663,
119.307

■ 17, 73.282,
307.860

■ 69, 26.337,
118.952

■ 15, 77.440,
308.212

■ 73, 32.802,
118.645

■ 78, 39.069,
118.381

Harmonies

Complementary

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



39, 25.537, 302.863



51, 23.926, 118.703

Rectangle

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



39, 25.537, 302.863



39, 25.537, 352.863



39, 25.537, 122.863



39, 25.537, 172.863

Sweetspot

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



39, 25.536, 302.863



63, 9.468, 301.215



47, 12.411, 230.047



32, 6.523, 301.292



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, 25.536, 302.863



47, 38.838, 303.527



41, 27.587, 319.153



25, 4.298, 301.141



15, 77.801, 308.206



0, 0.000, 0.000

Inverse Universe

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



42, 24.310, 335.194



51, 36.353, 335.764



50, 27.124, 136.218



25, 4.229, 333.571



28, 56.707, 342.031



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 39, 25.537, 302.863 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, 25.537, 302.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

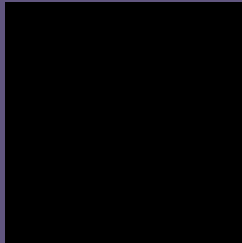
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 39, 25.537, 302.863

Background



This preview shows how black text looks on a background with the CIELCh color 39, 25.537, 302.863.

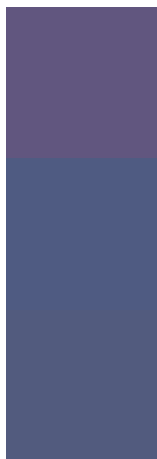


This preview shows how white text looks on a background with the CIELCh color 39, 25.537, 302.863.

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, 25.537, 302.863

Protanopia

39, 24.048, 284.046

Deuteranopia

39, 21.538, 285.024



Tritanopia
39, 4.293, 290.856

Trichromacy



Original Color
39, 25.537, 302.863

Protanomaly
39, 24.509, 290.632

Deuteranomaly
39, 22.671, 291.816

Tritanomaly
39, 11.803, 299.621

Monochromacy



Original Color
39, 25.537, 302.863

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 9.346, 301.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 25.537, 302.863 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, 86, 127)` looks like.

```
.text, #text, p{  
    color:rgb(97, 86, 127)  
}
```

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, 86, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 86, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 25.537, 302.863 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, 86, 127) }
```

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

```
.border{ border-color:rgb(97, 86, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 86, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 86, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 86, 127);  
box-shadow:4px 4px 4px 4px rgb(97, 86,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 25.537, 302.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 86, 127) }
```

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

```
.background{ background-color: rgb(97, 86,  
127) }
```

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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