

Converting Colors

CIELCh(39, 18.735, 302.267)

Have a look what the booklet for
CIELCh(39, 18.735, 302.267)
contains.

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Color

CIELCh(39, 18.704, 302.235)

Conversions

Conversions Part 1

Format	Color
Hex	605876
RGB	96, 88, 118
RGB Percent	38%, 35%, 46%
CMY	0.6254, 0.6567, 0.5392
CMYK	0.19, 0.26, 0.00, 0.54
HSL	256°, 15%, 40%
HSV	256°, 26%, 46%
XYZ	11.4646, 10.6589, 18.4378
YIQ	93.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

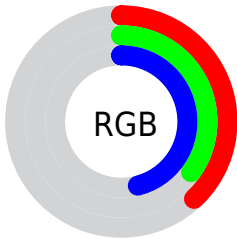
Format	Color
R_{YB}	96, 88, 118
Decimal	6314102
CIE Lab	39.00, 9.98, -15.82
CIE LCh	39, 18.704, 302.235
Yxy	10.6589, 0.2826, 0.2628
Android (android.graphics.Color)	4284504182 (0xFF605876)
YUV	93.8120, 11.9247, 1.9189
Hunter-Lab	32.6480, 5.5476, -10.6301

Details

The CIELCh color $39, 18.704, 302.235$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48, 17.798, 119.052$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 18.507, 302.305$, and $19, 18.698, 301.650$ is the 20% darker color. If you saturate the color by 10%, you get $35, 26.478, 303.056$, and if you desaturate by 10%, it is $43, 11.176, 301.501$.

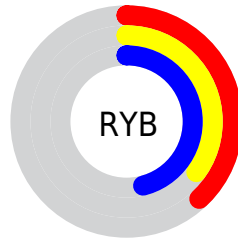
Distribution



 Red (38%)

 Green (35%)

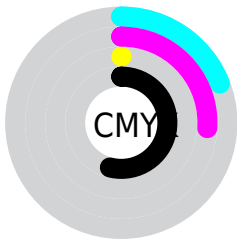
 Blue (46%)



 Red (38%)

 Yellow (35%)

 Blue (46%)

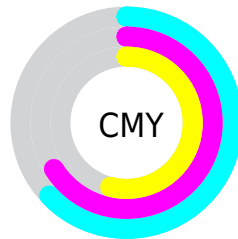


 Cyan (19%)

 Magenta (26%)

 Yellow (0%)

 Black (54%)



 Cyan (63%)


 Magenta (66%)


 Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 18.704, 302.235 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, 18.704, 302.235 by changing the saturation by 10% instead.


 39, 18.704,
302.235


 39, 18.704,
302.235

 100, 18.704,
302.235


 29, 18.704,
302.235

 59, 18.704,
302.235


 19, 18.704,
302.235


 69, 18.704,
302.235

 9, 18.704, 302.235

 79, 18.704,
302.235

 0, 18.704, 302.235

 89, 18.704,
302.235

 99, 18.704,
302.235

■ 39, 18.704,
302.235

■ 39, 18.704,
302.235

■ 35, 26.478,
303.056

■ 43, 11.176,
301.501

■ 31, 34.471,
303.960

■ 47, 3.905, 300.851

■ 27, 42.602,
304.925

■ 51, 3.118, 120.299

■ 55, 9.901, 119.801

■ 23, 50.703,
305.907

■ 59, 16.457,
119.372

■ 20, 58.450,
306.821

■ 63, 22.800,
119.001

■ 17, 65.303,
307.533


■ 67, 28.942,
118.680

■ 14, 70.779,
307.962

■ 71, 34.897,
118.403

■ 13, 73.319,

308.261

 75, 40.674,
118.164

Harmonies

Complementary

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



39, 18.704, 302.235



48, 17.798, 119.052

Rectangle

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



39, 18.704, 302.235



39, 18.704, 352.235



39, 18.704, 122.235



39, 18.704, 172.235

Sweetspot

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



39, 18.703, 302.234



59, 7.069, 301.019



45, 9.425, 227.066



30, 5.004, 301.099



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 18.703, 302.234



47, 28.519, 302.740



40, 20.317, 318.340



22, 4.006, 301.071



14, 75.534, 308.223



34, 128.860, 307.765

Inverse Universe

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



41, 18.056, 334.620



51, 27.227, 335.067



47, 20.022, 136.121



23, 3.949, 333.497



26, 55.167, 341.849



56, 92.624, 342.834

Previews

White Background



This preview shows how the CIE LCh color 39, 18.704, 302.235 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 CIELCh color 39, 18.704, 302.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

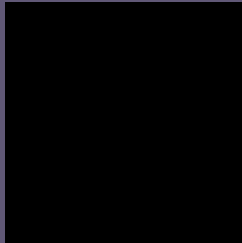
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 18.704, 302.235

Background



This preview shows how black text looks on a background with the CIELCh color 39, 18.704, 302.235.

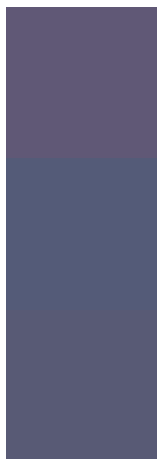


This preview shows how white text looks on a background with the CIELCh color 39, 18.704, 302.235.

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, 18.704, 302.235

Protanopia

39, 17.859, 284.723

Deuteranopia

39, 16.550, 290.136



Tritanopia
39, 4.318, 296.299

Trichromacy



Original Color
39, 18.704, 302.235

Protanomaly
39, 17.768, 290.512

Deuteranomaly
39, 17.214, 295.292

Tritanomaly
39, 9.300, 298.979

Monochromacy



Original Color
39, 18.704, 302.235

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 6.866, 301.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 18.704, 302.235 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(96, 88, 118)` looks like.

```
.text, #text, p{  
    color:rgb(96, 88, 118)  
}
```

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(96, 88, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 88, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 18.704, 302.235 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(96, 88, 118) }
```

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

```
.border{ border-color:rgb(96, 88, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 88, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 88, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 88, 118);  
box-shadow:4px 4px 4px 4px rgb(96, 88,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 18.704, 302.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 88, 118) }
```

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

```
.background{ background-color: rgb(96, 88,  
118) }
```

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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