

Converting Colors

CIELCh(39, 17.607, 304.051)

Have a look what the booklet for
CIELCh(39, 17.607, 304.051)
contains.

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Color

CIELCh(39, 18.205, 303.714)

Conversions

Conversions Part 1

Format	Color
Hex	605774
RGB	96, 87, 116
RGB Percent	38%, 34%, 45%
CMY	0.6220, 0.6573, 0.5435
CMYK	0.17, 0.25, 0.00, 0.54
HSL	259°, 14%, 40%
HSV	259°, 25%, 46%
XYZ	11.4825, 10.6589, 18.1010
YIQ	92.9970, -3.9450, 10.9270

Conversions

Conversions Part 2

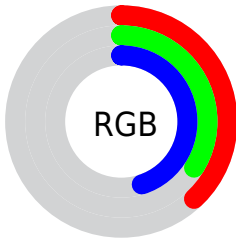
Format	Color
R_{YB}	96, 87, 116
Decimal	6313844
CIE _{Lab}	39.00, 10.10, -15.14
CIE _{LCh}	39, 18.205, 303.714
Yxy	10.6589, 0.2853, 0.2649
Android (android.graphics.Color)	4284503924 (0xFF605774)
YUV	92.9970, 11.3405, 2.6336
Hunter-Lab	32.6480, 5.6452, -10.0185

Details

The CIELCh color $39, 18.205, 303.714$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48, 17.390, 120.844$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 18.045, 303.743$, and $19, 18.137, 303.144$ is the 20% darker color. If you saturate the color by 10%, you get $35, 25.917, 304.454$, and if you desaturate by 10%, it is $43, 10.723, 303.047$.

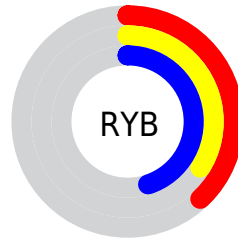
Distribution



Red (38%)

Green (34%)

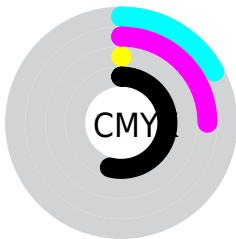
Blue (45%)



Red (38%)

Yellow (34%)

Blue (45%)

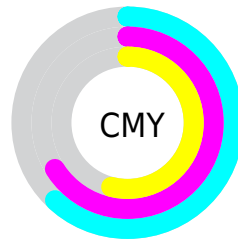


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (54%)



Cyan (62%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 18.205, 303.714 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, 18.205, 303.714 by changing the saturation by 10% instead.

■ 39, 18.205,
303.714

■ 39, 18.205,
303.714

■ 100, 18.205,
303.714

■ 29, 18.205,
303.714

■ 59, 18.205,
303.714

■ 19, 18.205,
303.714

■ 69, 18.205,
303.714

■ 9, 18.205, 303.714

■ 79, 18.205,
303.714

■ 0, 18.205, 303.714

■ 89, 18.205,
303.714

■ 99, 18.205,
303.714

■ 39, 18.205,
303.714

■ 39, 18.205,
303.714

■ 35, 25.917,
304.454

■ 43, 10.723,
303.047

■ 31, 33.826,
305.260

■ 47, 3.485, 302.449

■ 27, 41.848,
306.111

■ 51, 3.513, 121.949

■ 23, 49.811,
306.962

■ 55, 10.277,
121.488

■ 20, 57.407,
307.735

■ 59, 16.820,
121.090

■ 17, 64.131,
308.311

■ 63, 23.153,
120.746

■ 15, 69.496,
308.600

■ 67, 29.289,
120.447

■ 14, 72.281,

■ 71, 35.239,
120.190

308.853

 74, 41.014,
119.968

Harmonies

Complementary

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



39, 18.205, 303.714



48, 17.390, 120.844

Rectangle

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



39, 18.205, 303.714



39, 18.205, 353.714



39, 18.205, 123.714



39, 18.205, 173.714

Sweetspot

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



39, 18.204, 303.713



59, 6.127, 302.579



44, 9.118, 233.738



30, 4.014, 302.602



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, 18.204, 303.713



47, 27.286, 304.135



40, 19.939, 319.860



22, 4.029, 302.688



15, 74.972, 308.801



35, 127.938, 308.294

Inverse Universe

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



41, 16.983, 336.408



50, 25.223, 336.849



46, 19.720, 137.611



23, 3.826, 335.266



26, 53.630, 344.862



55, 89.988, 346.103

Previews

White Background



This preview shows how the CIELCh color 39, 18.205, 303.714 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, 18.205, 303.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

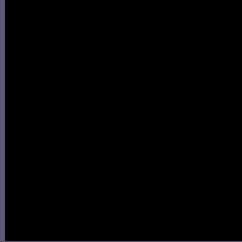
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 18.205, 303.714

Background



This preview shows how black text looks on a background with the CIELCh color 39, 18.205, 303.714.



This preview shows how white text looks on a background with the CIELCh color 39, 18.205, 303.714.

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, 18.205, 303.714

Protanopia

39, 17.219, 285.483

Deuteranopia

39, 15.941, 289.936



Tritanopia
39, 4.381, 301.656

Trichromacy



Original Color
39, 18.205, 303.714

Protanomaly
39, 17.154, 291.554

Deuteranomaly
39, 16.604, 295.307

Tritanomaly
39, 9.363, 301.412

Monochromacy



Original Color
39, 18.205, 303.714

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, 18.205, 303.714 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, 87, 116)` looks like.

```
.text, #text, p{  
    color:rgb(96, 87, 116)  
}
```

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, 87, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 87, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 18.205, 303.714 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, 87, 116) }
```

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

```
.border{ border-color:rgb(96, 87, 116) }
```

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

Here you see how a box with a 4 pixel rgb(96, 87, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 87, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 87, 116);  
box-shadow:4px 4px 4px 4px rgb(96, 87,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 18.205, 303.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 87, 116) }
```

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

```
.background{ background-color: rgb(96, 87,  
116) }
```

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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