

Converting Colors

CIELCh(38, 19.503, 303.140)

Have a look what the booklet for
CIELCh(38, 19.503, 303.140)
contains.

CIELCh(38, 19.474, 303.147)	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(38, 19.474, 303.147)

Conversions

Conversions Part 1

Format	Color
Hex	5E5574
RGB	94, 85, 116
RGB Percent	37%, 33%, 45%
CMY	0.6322, 0.6675, 0.5460
CMYK	0.19, 0.27, 0.00, 0.55
HSL	257°, 15%, 39%
HSV	257°, 27%, 45%
XYZ	10.9655, 10.0881, 17.8247
YIQ	91.2250, -4.5870, 11.5490

Conversions

Conversions Part 2

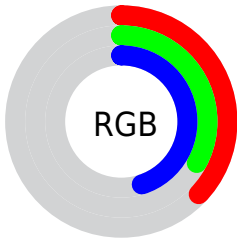
Format	Color
R_{YB}	94, 85, 116
Decimal	6182260
CIE _{Lab}	38.00, 10.65, -16.31
CIE _{LCh}	38, 19.474, 303.147
Yxy	10.0881, 0.2820, 0.2595
Android (android.graphics.Color)	4284372340 (0xFF5E5574)
YUV	91.2250, 12.2141, 2.4337
Hunter-Lab	31.7617, 6.0426, -11.0405

Details

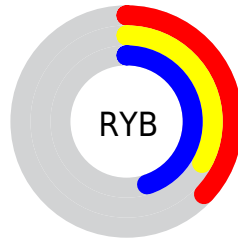
The CIELCh color **38, 19.474, 303.147** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **47, 18.510, 119.936**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 19.202, 303.134**, and **18, 19.593, 302.761** is the 20% darker color. If you saturate the color by 10%, you get **34, 27.187, 303.934**, and if you desaturate by 10%, it is **42, 11.994, 302.438**.

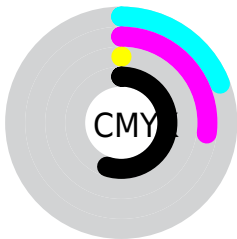
Distribution



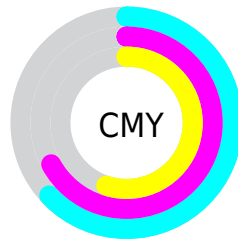
- Red (37%)
- Green (33%)
- Blue (45%)



- Red (37%)
- Yellow (33%)
- Blue (45%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)
- Black (55%)





- Cyan (63%)
- Magenta (67%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 19.474, 303.147 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 38, 19.474, 303.147 by changing the saturation by 10% instead.


 38, 19.474,
303.147


 38, 19.474,
303.147

 100, 19.474,
303.147


 28, 19.474,
303.147

 58, 19.474,
303.147


 18, 19.474,
303.147


 68, 19.474,
303.147

 8, 19.474, 303.147

 78, 19.474,
303.147

 0, 19.474, 303.147

 88, 19.474,
303.147

 98, 19.474,
303.147

■ 38, 19.474,
303.147

■ 38, 19.474,
303.147

■ 34, 27.187,
303.934

■ 42, 11.994,
302.438

■ 30, 35.096,
304.793

■ 46, 4.760, 301.808

■ 50, 2.229, 121.277

■ 26, 43.110,
305.698

■ 54, 8.984, 120.785

■ 23, 51.043,
306.602

■ 58, 15.514,
120.364

■ 19, 58.555,
307.416

■ 62, 21.833,
120.000

■ 16, 65.100,
308.010


■ 66, 27.953,
119.685

■ 14, 70.418,
308.374

■ 70, 33.886,
119.413

■ 13, 72.249,

308.579

 74, 39.643,
119.178

Harmonies

Complementary

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



38, 19.474, 303.147



47, 18.510, 119.936

Rectangle

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



38, 19.474, 303.147



38, 19.474, 353.147



38, 19.474, 123.147



38, 19.474, 173.147

Sweetspot

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



38, 19.473, 303.146



58, 6.994, 301.894



44, 9.697, 231.681



30, 5.019, 301.972



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



38, 19.473, 303.146



46, 29.144, 303.614



40, 21.241, 319.425



22, 4.018, 301.946



14, 75.236, 308.524



35, 128.375, 308.039

Inverse Universe

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



40, 18.413, 335.683



49, 27.268, 336.133



46, 20.969, 137.031



23, 3.882, 334.438



26, 54.317, 343.446



56, 91.159, 344.565

Previews

White Background



This preview shows how the CIELCh color 38, 19.474, 303.147 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 38, 19.474, 303.147 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 38, 19.474, 303.147

Background



This preview shows how black text looks on a background with the CIELCh color 38, 19.474, 303.147.



This preview shows how white text looks on a background with the CIELCh color 38, 19.474, 303.147.

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


38, 19.474, 303.147

Protanopia

38, 18.563, 285.233

Deuteranopia

38, 16.626, 288.925



Tritanopia
38, 4.335, 296.309

Trichromacy



Original Color
38, 19.474, 303.147

Protanomaly
38, 18.477, 291.905

Deuteranomaly
38, 17.263, 294.095

Tritanomaly
38, 10.024, 300.890

Monochromacy



Original Color
38, 19.474, 303.147

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 6.892, 301.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 19.474, 303.147 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(94, 85, 116)` looks like.

```
.text, #text, p{  
    color:rgb(94, 85, 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(94, 85, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 85, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 19.474, 303.147 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(94, 85, 116) }
```

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

```
.border{ border-color:rgb(94, 85, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 85, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 85, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 85, 116);  
box-shadow:4px 4px 4px 4px rgb(94, 85,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 19.474, 303.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 85, 116) }
```

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

```
.background{ background-color: rgb(94, 85,  
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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