

Converting Colors

CIELCh(38, 21.593, 303.644)

Have a look what the booklet for
CIELCh(38, 21.593, 303.644)
contains.

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Color

CIELCh(38, 21.377, 303.439)

Conversions

Conversions Part 1

Format	Color
Hex	5E5476
RGB	94, 84, 118
RGB Percent	37%, 33%, 46%
CMY	0.6303, 0.6696, 0.5362
CMYK	0.20, 0.29, 0.00, 0.54
HSL	258°, 17%, 40%
HSV	258°, 29%, 46%
XYZ	11.1191, 10.0881, 18.5848
YIQ	90.8660, -4.9540, 12.6940

Conversions

Conversions Part 2

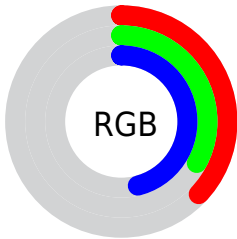
Format	Color
R_{YB}	94, 84, 118
Decimal	6182006
CIE _{Lab}	38.00, 11.78, -17.84
CIE _{LCh}	38, 21.377, 303.439
Yxy	10.0881, 0.2794, 0.2535
Android (android.graphics.Color)	4284372086 (0xFF5E5476)
YUV	90.8660, 13.3771, 2.7485
Hunter-Lab	31.7617, 6.9061, -12.4593

Details

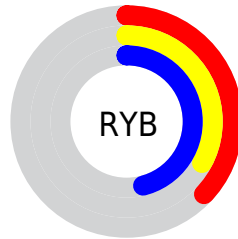
The CIELCh color **38, 21.377, 303.439** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **48, 20.236, 119.980**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 20.964, 303.333**, and **18, 21.707, 303.304** is the 20% darker color. If you saturate the color by 10%, you get **34, 29.272, 304.236**, and if you desaturate by 10%, it is **42, 13.712, 302.718**.

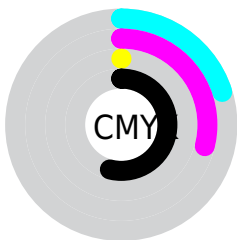
Distribution



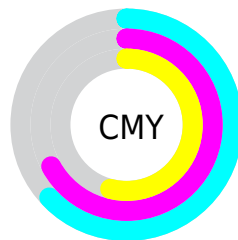
- Red (37%)
- Green (33%)
- Blue (46%)



- Red (37%)
- Yellow (33%)
- Blue (46%)



- Cyan (20%)
- Magenta (29%)
- Yellow (0%)
- Black (54%)




- Cyan (63%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 21.377, 303.439 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, 21.377, 303.439 by changing the saturation by 10% instead.


 38, 21.377,
303.439


 38, 21.377,
303.439

 100, 21.377,
303.439


 28, 21.377,
303.439

 58, 21.377,
303.439

 18, 21.377,
303.439


 68, 21.377,
303.439

 8, 21.377, 303.439

 78, 21.377,
303.439

 0, 21.377, 303.439

 88, 21.377,
303.439

 98, 21.377,
303.439

■ 38, 21.377,
303.439

■ 38, 21.377,
303.439

■ 34, 29.272,
304.236

■ 42, 13.712,
302.718

■ 30, 37.351,
305.101

■ 46, 6.297, 302.076

■ 50, 0.869, 121.554

■ 26, 45.504,
306.002

■ 54, 7.793, 121.030

■ 22, 53.511,
306.885

■ 58, 14.487,
120.599

■ 19, 60.984,
307.653

■ 62, 20.963,
120.225

■ 16, 67.321,
308.164

■ 66, 27.233,
119.903

■ 14, 72.616,
308.532

■ 70, 33.310,
119.624

■ 14, 73.326,

308.611

 74, 39.206,
119.383

Harmonies

Complementary

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



38, 21.377, 303.439



48, 20.236, 119.980

Rectangle

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



38, 21.377, 303.439



38, 21.377, 353.439



38, 21.377, 123.439



38, 21.377, 173.439

Sweetspot

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



38, 21.376, 303.439



59, 7.994, 302.104



44, 10.543, 231.909



29, 5.533, 302.176



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, 21.376, 303.439



46, 32.490, 303.998



40, 23.247, 319.511



22, 4.020, 302.092



14, 75.185, 308.577



35, 128.291, 308.088

Inverse Universe

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



40, 20.080, 336.003



49, 30.117, 336.544



47, 22.928, 136.914



23, 3.871, 334.599



26, 54.178, 343.721



56, 90.922, 344.864

Previews

White Background



This preview shows how the CIELCh color 38, 21.377, 303.439 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 38, 21.377, 303.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

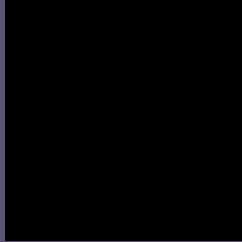
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 21.377, 303.439

Background



This preview shows how black text looks on a background with the CIELCh color 38, 21.377, 303.439.



This preview shows how white text looks on a background with the CIELCh color 38, 21.377, 303.439.

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, 21.377, 303.439

Protanopia

38, 20.412, 285.348

Deuteranopia

38, 18.498, 287.409



Tritanopia
38, 4.335, 296.309

Trichromacy



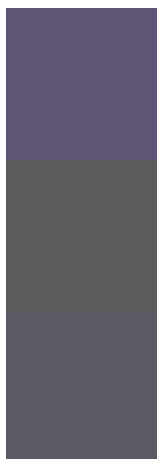
Original Color
38, 21.377, 303.439

Protanomaly
38, 20.316, 291.281

Deuteranomaly
38, 19.091, 293.129

Tritanomaly
38, 10.701, 302.537

Monochromacy



Original Color
38, 21.377, 303.439

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 7.497, 300.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 21.377, 303.439 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, 84, 118)` looks like.

```
.text, #text, p{  
    color:rgb(94, 84, 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(94, 84, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 84, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 21.377, 303.439 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, 84, 118) }
```

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

```
.border{ border-color:rgb(94, 84, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 84, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 84, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 84, 118);  
box-shadow:4px 4px 4px 4px rgb(94, 84,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 21.377, 303.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 84, 118) }
```

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

```
.background{ background-color: rgb(94, 84,  
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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