Converting Colors

CIELCh(38, 26.239, 293.611)

Have a look what the booklet for CIELCh(38, 26.239, 293.611) contains.

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Color

CIELCh(38, 25.844, 293.353)

Conversions

Conversions Part 1

Format	Color
Hex	555680
RGB	85, 86, 128
RGB Percent	33%, 34%, 50%
CMY	0.6676, 0.6637, 0.4991
CMYK	0.34, 0.33, 0.00, 0.50
HSL	239°, 20%, 42%
HSV	239°, 34%, 50%
XYZ	10.9110, 10.0881, 21.7038
YIQ	90.4890, -14.0780, 12.8500

Conversions

Conversions Part 2

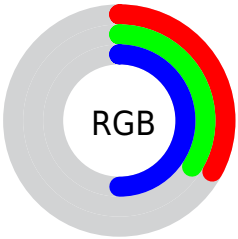
Format	Color
RYB	85, 86, 128
Decimal	5592704
CIELab	38.00, 10.24, -23.73
CIELCh	38, 25.844, 293.353
Yxy	10.0881, 0.2555, 0.2362
Android (android.graphics.Color)	4283782784 (0xFF555680)
YUV	90.4890, 18.4929, -4.8139
Hunter-Lab	31.7617, 5.7365, -18.2817

Details

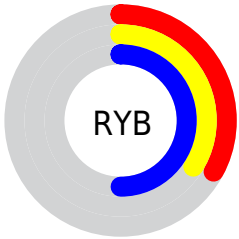
The CIELCh color 38, 25.844, 293.353 is a dark color, and the websafe version is hex 666699. A complement of this color would be 52, 23.952, 106.040, and the grayscale version is 38, 0.005, 296.813.

A 20% lighter version of the original color is 58, 25.609, 293.067, and 18, 26.153, 293.404 is the 20% darker color. If you saturate the color by 10%, you get 33, 34.211, 295.042, and if you desaturate by 10%, it is 43, 17.805, 291.896.

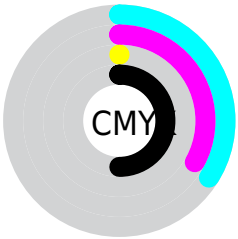
Distribution



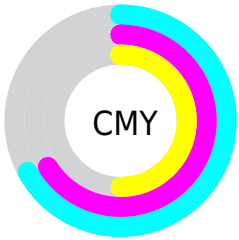
- Red (33%)
- Green (34%)
- Blue (50%)



- Red (33%)
- Yellow (34%)
- Blue (50%)



- Cyan (34%)
- Magenta (33%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (66%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 25.844, 293.353 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, 25.844, 293.353 by changing the saturation by 10% instead.

38, 25.844, 293.353

38, 25.844, 293.353

100, 25.844, 293.353

28, 25.844, 293.353

58, 25.844, 293.353

18, 25.844, 293.353

68, 25.844, 293.353

8, 25.844, 293.353

0, 25.844, 293.353

78, 25.844, 293.353

88, 25.844, 293.353

98, 25.844, 293.353

38, 25.844, 293.353

33, 34.211, 295.042

29, 42.897, 296.967

25, 51.809, 299.090

21, 60.676, 301.300

17, 68.891, 303.383

15, 75.435, 305.041

13, 78.884, 305.848

38, 25.844, 293.353

43, 17.805, 291.896

47, 10.082, 290.650

52, 2.652, 289.600

56, 4.505, 108.657

61, 11.411, 107.884

65, 18.083, 107.214

70, 24.535, 106.634

74, 30.782, 106.131

79, 36.837, 105.692

Harmonies

Complementary

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

38, 25.844, 293.353

52, 23.952, 106.040

Rectangle

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

38, 25.844, 293.353

38, 25.844, 343.353

38, 25.844, 113.353

38, 25.844, 163.353

Sweetspot

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

38, 25.843, 293.353

62, 9.080, 290.269

50, 15.600, 194.701

32, 6.256, 290.398

85, 0.010, 296.813

36, 0.005, 296.813

Same Dimension

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

38, 25.843, 293.353

45, 38.575, 294.558

40, 27.401, 309.556

24, 4.121, 290.147

13, 78.775, 305.847

0, 0.000, 0.000

Inverse Universe

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

41, 19.251, 20.428

50, 28.977, 21.464

51, 26.087, 126.356

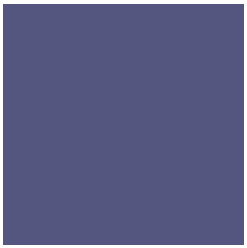
25, 2.951, 17.970

25, 60.406, 37.421

0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 38, 25.844, 293.353 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

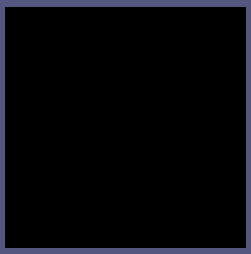
This preview shows how the CIELCh color 38, 25.844, 293.353 looks on a black background.

Color Contrast Check

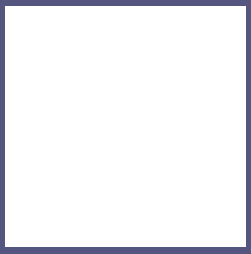
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 38, 25.844, 293.353 Background



This preview shows how black text looks on a background with the CIELCh color 38, 25.844, 293.353.



This preview shows how white text looks on a background with the CIELCh color 38, 25.844, 293.353.

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, 25.844, 293.353

Protanopia
38, 25.971, 285.284

Deuteranopia
38, 23.635, 282.232

Tritanopia
38, 6.988, 243.949

Trichromacy

Original Color
38, 25.844, 293.353

Protanomaly
38, 25.890, 288.148

Deuteranomaly
38, 24.064, 286.506

Tritanomaly
38, 12.672, 276.604

Monochromacy

Original Color
38, 25.844, 293.353

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 9.859, 291.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 25.844, 293.353 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(85, 86, 128) looks like.

```
.text, #text, p{
    color:rgb(85, 86, 128)
}
```

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(85, 86, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 86, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 25.844, 293.353 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(85, 86, 128) }
```

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

```
.border{ border-color:rgb(85, 86, 128) }
```

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

Here you see how a box with a 4 pixel rgb(85, 86, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 86, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 86, 128); box-shadow:4px 4px 4px 4px rgb(85, 86, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 25.844, 293.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(85, 86, 128) }
```

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

```
.background{ background-color:rgb(85, 86,
128) }
```

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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