

Converting Colors

CIELCh(38, 30.523, 333.016)

Have a look what the booklet for
CIELCh(38, 30.523, 333.016)
contains.

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Color

CIELCh(38, 30.430, 333.191)

Conversions

Conversions Part 1

Format	Color
Hex	7A4970
RGB	122, 73, 112
RGB Percent	48%, 29%, 44%
CMY	0.5213, 0.7135, 0.5605
CMYK	0.00, 0.40, 0.08, 0.52
HSL	312°, 25%, 38%
HSV	312°, 40%, 48%
XYZ	13.3517, 10.0881, 16.5930
YIQ	92.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

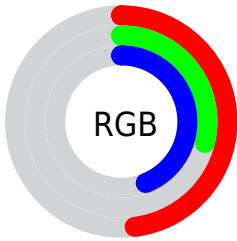
Format	Color
R_{YB}	122, 73, 112
Decimal	8014192
CIE _{Lab}	38.00, 27.16, -13.72
CIE _{LCh}	38, 30.430, 333.191
Yxy	10.0881, 0.3335, 0.2520
Android (android.graphics.Color)	4286204272 (0xFF7A4970)
YUV	92.0970, 9.8122, 26.2249
Hunter-Lab	31.7617, 19.4533, -8.7412

Details

The CIELCh color **38, 30.430, 333.191** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47, 30.325, 147.539**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 30.252, 332.839**, and **18, 30.146, 333.390** is the 20% darker color. If you saturate the color by 10%, you get **35, 37.476, 333.878**, and if you desaturate by 10%, it is **41, 22.982, 332.527**.

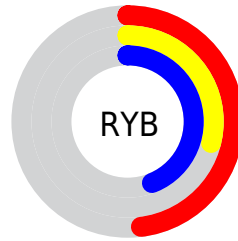
Distribution



Red (48%)

Green (29%)

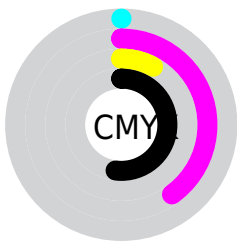
Blue (44%)



Red (48%)

Yellow (29%)

Blue (44%)

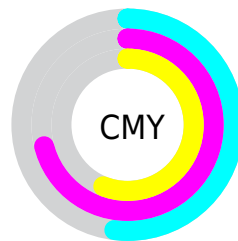


Cyan (0%)

Magenta (40%)

Yellow (8%)

Black (52%)



Cyan (52%)


Magenta (71%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 30.430, 333.191 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, 30.430, 333.191 by changing the saturation by 10% instead.


 38, 30.430,
333.191


 38, 30.430,
333.191

 100, 30.430,
333.191


 28, 30.430,
333.191

 58, 30.430,
333.191


 18, 30.430,
333.191


 68, 30.430,
333.191

 8, 30.430, 333.191

 78, 30.430,
333.191

 0, 30.430, 333.191

 88, 30.430,
333.191

 98, 30.430,
333.191

38, 30.430,
333.191

38, 30.430,
333.191

35, 37.476,
333.878

41, 22.982,
332.527

33, 43.852,
334.591

44, 15.351,
331.882

31, 49.240,
335.341

48, 7.693, 331.250

29, 53.336,
336.148

51, 0.113, 328.777

55, 7.322, 150.143

28, 55.919,
337.038

58, 14.573,
149.584

27, 57.502,
337.974

62, 21.622,
149.062

66, 28.461,
148.568

■ 69, 35.094,
148.102

Harmonies

Complementary

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



38, 30.430, 333.191



47, 30.325, 147.539

Rectangle

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



38, 30.430, 333.191



38, 30.430, 23.191



38, 30.430, 153.191



38, 30.430, 203.191

Sweetspot

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



38, 30.428, 333.191



60, 11.261, 331.385



34, 31.011, 301.377



30, 7.433, 331.446



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



38, 30.428, 333.191



46, 44.411, 333.809



37, 22.965, 0.546



24, 4.278, 331.182



27, 58.452, 338.002



57, 97.627, 338.652

Inverse Universe

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



38, 30.428, 333.191



46, 44.411, 333.809



48, 20.471, 172.029



24, 4.278, 331.182



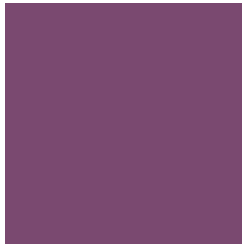
27, 58.452, 338.002



57, 97.627, 338.652

Previews

White Background



This preview shows how the CIELCh color 38, 30.430, 333.191 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, 30.430, 333.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

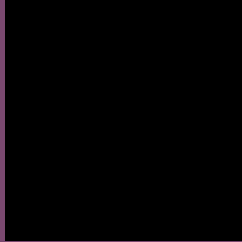
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 30.430, 333.191

Background



This preview shows how black text looks on a background with the CIELCh color 38, 30.430, 333.191.



This preview shows how white text looks on a background with the CIELCh color 38, 30.430, 333.191.

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, 30.430, 333.191

Protanopia

38, 21.616, 285.115

Deuteranopia

38, 12.942, 293.906



Tritanopia
38, 18.063, 10.696

Trichromacy



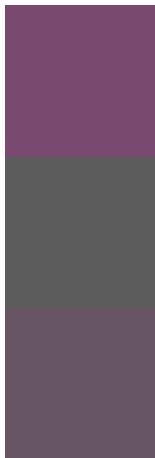
Original Color
38, 30.430, 333.191

Protanomaly
38, 23.343, 304.616

Deuteranomaly
38, 18.156, 315.655

Tritanomaly
38, 21.188, 351.872

Monochromacy



Original Color
38, 30.430, 333.191

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 11.423, 332.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 30.430, 333.191 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(122, 73, 112)` looks like.

```
.text, #text, p{  
    color:rgb(122, 73, 112)  
}
```

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(122, 73, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 73, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 30.430, 333.191 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(122, 73, 112) }
```

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

```
.border{ border-color:rgb(122, 73, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 73, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 73, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 73, 112);  
box-shadow:4px 4px 4px 4px rgb(122, 73,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 30.430, 333.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 73, 112) }
```

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

```
.background{ background-color: rgb(122, 73,  
112) }
```

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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