

Converting Colors

CIELCh(38, 30.062, 333.961)

Have a look what the booklet for
CIELCh(38, 30.062, 333.961)
contains.

CIELCh(38, 30.010, 333.985)	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, 30.010, 333.985)

Conversions

Conversions Part 1

Format	Color
Hex	7A496F
RGB	122, 73, 111
RGB Percent	48%, 29%, 44%
CMY	0.5209, 0.7131, 0.5640
CMYK	0.00, 0.40, 0.09, 0.52
HSL	313°, 25%, 38%
HSV	313°, 40%, 48%
XYZ	13.3225, 10.0881, 16.3325
YIQ	91.9830, 17.0060, 22.2060

Conversions

Conversions Part 2

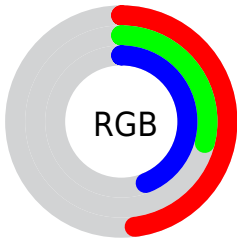
Format	Color
R_{YB}	122, 73, 111
Decimal	8014191
CIE Lab	38.00, 26.97, -13.16
CIE LCh	38, 30.010, 333.985
Yxy	10.0881, 0.3352, 0.2538
Android (android.graphics.Color)	4286204271 (0xFF7A496F)
YUV	91.9830, 9.3754, 26.3249
Hunter-Lab	31.7617, 19.2890, -8.2550

Details

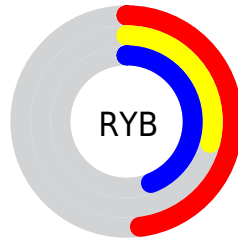
The CIELCh color $[38, 30.010, 333.985]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[47, 29.867, 148.235]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[58, 29.853, 333.573]$, and $[18, 29.702, 334.288]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 36.972, 334.703]$, and if you desaturate by 10%, it is $[41, 22.654, 333.297]$.

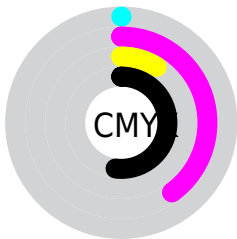
Distribution



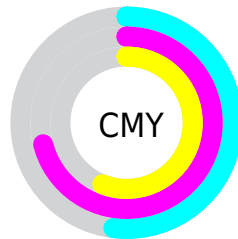
- Red (48%)
- Green (29%)
- Blue (44%)



- Red (48%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (52%)





- Cyan (52%)
- Magenta (71%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 30.010, 333.985 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, 30.010, 333.985 by changing the saturation by 10% instead.


 38, 30.010,
333.985


 38, 30.010,
333.985

 100, 30.010,
333.985


 28, 30.010,
333.985

 58, 30.010,
333.985


 18, 30.010,
333.985


 68, 30.010,
333.985

 8, 30.010, 333.985

 78, 30.010,
333.985

 0, 30.010, 333.985

 88, 30.010,
333.985

 98, 30.010,
333.985

■ 38, 30.010,
333.985

■ 38, 30.010,
333.985

■ 35, 36.972,
334.703

■ 41, 22.654,
333.297

■ 33, 43.273,
335.459

■ 44, 15.122,
332.634

■ 30, 48.597,
336.266

■ 48, 7.566, 331.987

■ 29, 52.637,
337.147

■ 51, 0.091, 328.994

■ 55, 7.239, 150.863

■ 28, 55.168,
338.138

■ 58, 14.386,
150.297

■ 27, 56.705,
339.193

■ 62, 21.332,
149.768

■ 66, 28.071,
149.270

■ 69, 34.606,
148.799

Harmonies

Complementary

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



38, 30.010, 333.985



47, 29.867, 148.235

Rectangle

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



38, 30.010, 333.985



38, 30.010, 23.985



38, 30.010, 153.985



38, 30.010, 203.985

Sweetspot

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



38, 30.008, 333.985



60, 11.099, 332.127



34, 31.035, 301.899



30, 7.326, 332.190



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, 30.008, 333.985



46, 43.805, 334.633



37, 22.849, 1.743



24, 4.216, 331.919



27, 57.607, 339.225



57, 96.156, 339.969

Inverse Universe

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



38, 30.008, 333.985



46, 43.805, 334.633



48, 20.216, 173.219



24, 4.216, 331.919



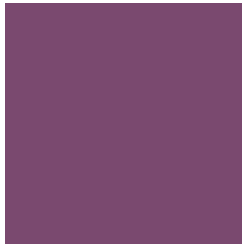
27, 57.607, 339.225



57, 96.156, 339.969

Previews

White Background



This preview shows how the CIELCh color 38, 30.010, 333.985 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, 30.010, 333.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

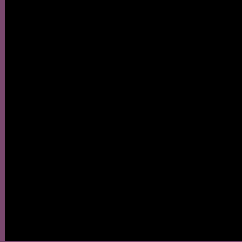
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 30.010, 333.985

Background



This preview shows how black text looks on a background with the CIELCh color 38, 30.010, 333.985.



This preview shows how white text looks on a background with the CIELCh color 38, 30.010, 333.985.

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, 30.010, 333.985

Protanopia

38, 20.415, 284.352

Deuteranopia

38, 12.942, 293.906



Tritanopia
38, 18.031, 12.612

Trichromacy



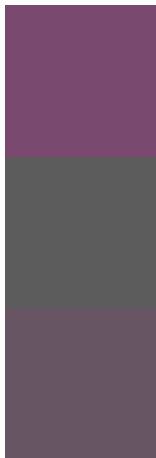
Original Color
38, 30.010, 333.985

Protanomaly
38, 22.150, 305.155

Deuteranomaly
38, 18.156, 315.655

Tritanomaly
38, 20.946, 353.372

Monochromacy



Original Color
38, 30.010, 333.985

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, 30.010, 333.985 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(122, 73, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 73, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 30.010, 333.985 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, 111) }
```

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

```
.border{ border-color:rgb(122, 73, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 73, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 73, 111); box-shadow:4px 4px 4px 4px rgb(122, 73, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 30.010, 333.985 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, 111) }
```

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

```
.background{ background-color: rgb(122, 73,  
111) }
```

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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