

Converting Colors

CIELCh(38, 22.857, 340.066)

Have a look what the booklet for
CIELCh(38, 22.857, 340.066)
contains.

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Color

CIELCh(38, 22.682, 340.909)

Conversions

Conversions Part 1

Format	Color
Hex	764D66
RGB	118, 77, 102
RGB Percent	46%, 30%, 40%
CMY	0.5378, 0.6985, 0.6005
CMYK	0.00, 0.35, 0.14, 0.54
HSL	323°, 21%, 38%
HSV	323°, 35%, 46%
XYZ	12.4888, 10.0881, 13.8246
YIQ	92.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

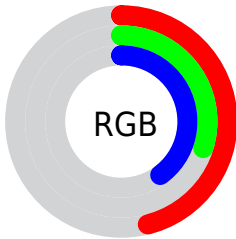
Format	Color
R_{YB}	118, 77, 102
Decimal	7753062
CIE Lab	38.00, 21.43, -7.42
CIE LCh	38, 22.682, 340.909
Yxy	10.0881, 0.3431, 0.2771
Android (android.graphics.Color)	4285943142 (0xFF764D66)
YUV	92.1090, 4.8763, 22.7064
Hunter-Lab	31.7617, 14.6037, -3.5735

Details

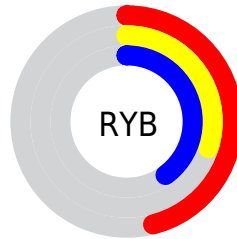
The CIELCh color $38, 22.682, 340.909$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $46, 22.200, 155.257$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $58, 22.464, 341.116$, and $18, 23.030, 341.423$ is the 20% darker color. If you saturate the color by 10%, you get $35, 29.021, 341.877$, and if you desaturate by 10%, it is $41, 16.146, 340.033$.

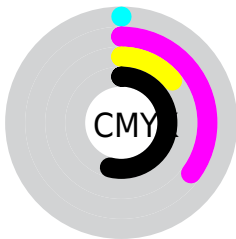
Distribution



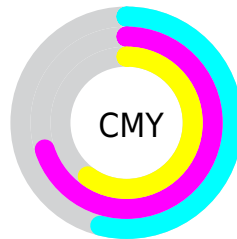
- Red (46%)
- Green (30%)
- Blue (40%)



- Red (46%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (54%)



- Cyan (54%)
- Magenta (70%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 22.682, 340.909 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, 22.682, 340.909 by changing the saturation by 10% instead.

 38, 22.682,
340.909

 38, 22.682,
340.909

 100, 22.682,
340.909


 28, 22.682,
340.909

 58, 22.682,
340.909


 18, 22.682,
340.909

 68, 22.682,
340.909

 8, 22.682, 340.909

 78, 22.682,
340.909

 0, 22.682, 340.909

 88, 22.682,
340.909

 98, 22.682,
340.909

■ 38, 22.682,
340.909

■ 38, 22.682,
340.909

■ 35, 29.021,
341.877

■ 41, 16.146,
340.033

■ 32, 34.955,
342.965

■ 45, 9.574, 339.225

■ 48, 3.069, 338.432

■ 30, 40.208,
344.217

■ 51, 3.305, 157.905

■ 28, 44.480,
345.693

■ 55, 9.512, 157.217

■ 26, 47.497,
347.477

■ 58, 15.535,
156.610

■ 25, 49.197,
349.640

■ 62, 21.368,
156.046

■ 25, 49.989,
350.794

■ 66, 27.015,
155.520

■ 69, 32.484,

Harmonies

Complementary

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



38, 22.682, 340.909



46, 22.200, 155.257

Rectangle

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



38, 22.682, 340.909



38, 22.682, 30.909



38, 22.682, 160.909



38, 22.682, 210.909

Sweetspot

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



38, 22.680, 340.910



59, 7.993, 338.872



36, 26.258, 306.854



30, 5.426, 338.958



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, 22.680, 340.910



46, 33.763, 341.703



37, 18.555, 13.413



23, 3.615, 338.777



26, 51.323, 350.918



55, 86.159, 352.683

Inverse Universe

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



38, 22.680, 340.910



46, 33.763, 341.703



47, 15.549, 187.116



23, 3.615, 338.777



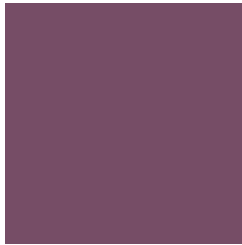
26, 51.323, 350.918



55, 86.159, 352.683

Previews

White Background



This preview shows how the CIELCh color 38, 22.682, 340.909 looks on a white background.

Color Contrast Check

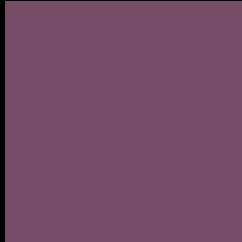
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.682, 340.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

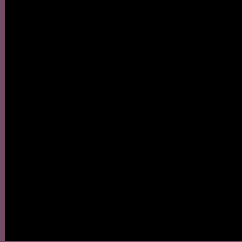
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 22.682, 340.909

Background



This preview shows how black text looks on a background with the CIELCh color 38, 22.682, 340.909.



This preview shows how white text looks on a background with the CIELCh color 38, 22.682, 340.909.

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, 22.682, 340.909

Protanopia

38, 12.966, 285.456

Deuteranopia

38, 8.540, 310.924



Tritanopia
38, 16.266, 9.049

Trichromacy



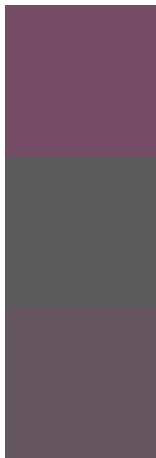
Original Color
38, 22.682, 340.909

Protanomaly
38, 14.436, 311.503

Deuteranomaly
38, 13.833, 328.317

Tritanomaly
38, 18.103, 356.477

Monochromacy



Original Color
38, 22.682, 340.909

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 8.818, 336.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 22.682, 340.909 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(118, 77, 102)` looks like.

```
.text, #text, p{  
    color:rgb(118, 77, 102)  
}
```

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(118, 77, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 77, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 22.682, 340.909 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(118, 77, 102) }
```

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

```
.border{ border-color:rgb(118, 77, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 77, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 77, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 77, 102);  
box-shadow:4px 4px 4px 4px rgb(118, 77,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 22.682, 340.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 77, 102) }
```

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

```
.background{ background-color: rgb(118, 77,  
102) }
```

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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