

Converting Colors

CIELCh(38, 38.787, 305.150)

Have a look what the booklet for
CIELCh(38, 38.787, 305.150)
contains.

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Color

CIELCh(38, 38.722, 305.126)

Conversions

Conversions Part 1

Format	Color
Hex	624F8D
RGB	98, 79, 141
RGB Percent	38%, 31%, 55%
CMY	0.6161, 0.6906, 0.4475
CMYK	0.31, 0.44, 0.00, 0.45
HSL	258°, 28%, 43%
HSV	258°, 44%, 55%
XYZ	12.6138, 10.0881, 26.4387
YIQ	91.7490, -8.5780, 23.3100

Conversions

Conversions Part 2

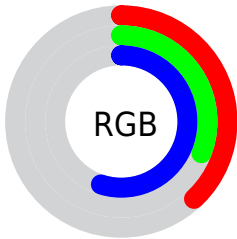
Format	Color
R_{YB}	98, 79, 141
Decimal	6442893
CIE _{Lab}	38.00, 22.28, -31.67
CIE _{LCh}	38, 38.722, 305.126
Yxy	10.0881, 0.2567, 0.2053
Android (android.graphics.Color)	4284632973 (0xFF624F8D)
YUV	91.7490, 24.2807, 5.4821
Hunter-Lab	31.7617, 15.3061, -27.1203

Details

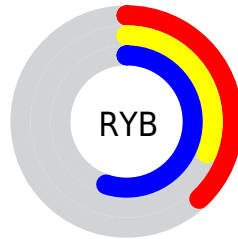
The CIELCh color $38, 38.722, 305.126$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56, 35.383, 119.617$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $58, 38.985, 305.118$, and $18, 38.520, 304.960$ is the 20% darker color. If you saturate the color by 10%, you get $33, 48.105, 306.003$, and if you desaturate by 10%, it is $43, 29.475, 304.297$.

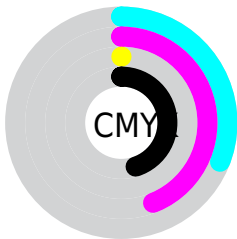
Distribution



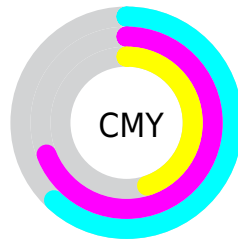
- Red (38%)
- Green (31%)
- Blue (55%)



- Red (38%)
- Yellow (31%)
- Blue (55%)



- Cyan (31%)
- Magenta (44%)
- Yellow (0%)
- Black (45%)





- Cyan (62%)
- Magenta (69%)
- Yellow (45%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 38.722, 305.126 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, 38.722, 305.126 by changing the saturation by 10% instead.


 38, 38.722,
305.126


 38, 38.722,
305.126

 100, 38.722,
305.126


 28, 38.722,
305.126

 58, 38.722,
305.126


 18, 38.722,
305.126


 68, 38.722,
305.126

 8, 38.722, 305.126

 78, 38.722,
305.126

 0, 38.722, 305.126

 88, 38.722,
305.126

 98, 38.722,
305.126

■ 38, 38.722,
305.126

■ 38, 38.722,
305.126

■ 33, 48.105,
306.003

■ 43, 29.475,
304.297

■ 29, 57.422,
306.881

■ 47, 20.467,
303.539

■ 25, 66.291,
307.677

■ 52, 11.738,
302.859

■ 22, 74.088,
308.262

■ 57, 3.300, 302.250

■ 19, 80.013,
308.477

■ 61, 4.851, 121.743

■ 18, 83.193,
308.614

■ 66, 12.725,
121.278

■ 71, 20.337,
120.878

■ 75, 27.701,
120.533

■ 80, 34.832,
120.235

Harmonies

Complementary

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



38, 38.722, 305.126



56, 35.383, 119.617

Rectangle

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



38, 38.722, 305.126



38, 38.722, 355.126



38, 38.722, 125.126



38, 38.722, 175.126

Sweetspot

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



38, 38.721, 305.126



67, 13.514, 302.813



49, 17.732, 236.565



34, 9.455, 302.940



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



38, 38.721, 305.126



44, 58.613, 306.016



41, 41.133, 320.662



28, 4.749, 302.559



17, 80.680, 308.650



0, 3.161, 302.040

Inverse Universe

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



42, 34.842, 337.810



51, 51.165, 338.733



54, 40.406, 136.396



28, 4.524, 335.121



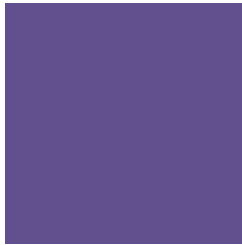
29, 57.642, 344.787



1, 3.033, 334.543

Previews

White Background



This preview shows how the CIELCh color 38, 38.722, 305.126 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, 38.722, 305.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

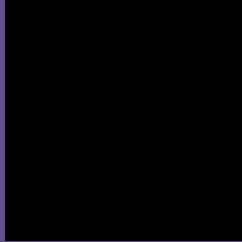
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 38.722, 305.126

Background



This preview shows how black text looks on a background with the CIELCh color 38, 38.722, 305.126.



This preview shows how white text looks on a background with the CIELCh color 38, 38.722, 305.126.

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, 38.722, 305.126

Protanopia

38, 37.668, 285.330

Deuteranopia

38, 31.235, 280.888



Tritanopia
38, 4.310, 290.869

Trichromacy



Original Color
38, 38.722, 305.126

Protanomaly
38, 37.463, 291.593

Deuteranomaly
38, 33.861, 290.526

Tritanomaly
38, 16.936, 301.864

Monochromacy



Original Color
38, 38.722, 305.126

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 14.464, 303.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 38.722, 305.126 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(98, 79, 141)` looks like.

```
.text, #text, p{  
    color:rgb(98, 79, 141)  
}
```

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(98, 79, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 79, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 38.722, 305.126 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(98, 79, 141) }
```

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

```
.border{ border-color:rgb(98, 79, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 79, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 79, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 79, 141);  
box-shadow:4px 4px 4px 4px rgb(98, 79,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 38.722, 305.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 79, 141) }
```

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

```
.background{ background-color: rgb(98, 79,  
141) }
```

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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