

Converting Colors

CIELCh(38, 33.578, 331.341)

Have a look what the booklet for
CIELCh(38, 33.578, 331.341)
contains.

CIELCh(38, 33.927, 331.398)	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, 33.927, 331.398)

Conversions

Conversions Part 1

Format	Color
Hex	7C4774
RGB	124, 71, 116
RGB Percent	49%, 28%, 45%
CMY	0.5131, 0.7210, 0.5445
CMYK	0.00, 0.43, 0.06, 0.51
HSL	309°, 27%, 38%
HSV	309°, 43%, 49%
XYZ	13.7607, 10.0881, 17.7938
YIQ	91.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

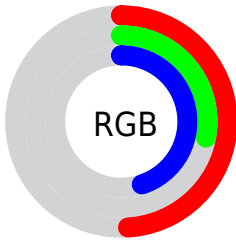
Format	Color
R_{YB}	124, 71, 116
Decimal	8144756
CIE _{Lab}	38.00, 29.79, -16.24
CIE _{LCh}	38, 33.927, 331.398
Yxy	10.0881, 0.3304, 0.2423
Android (android.graphics.Color)	4286334836 (0xFF7C4774)
YUV	91.9770, 11.8433, 28.0842
Hunter-Lab	31.7617, 21.7520, -10.9827

Details

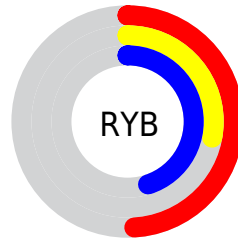
The CIELCh color **38, 33.927, 331.398** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47, 33.926, 145.559**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 33.860, 331.669**, and **18, 34.110, 331.481** is the 20% darker color. If you saturate the color by 10%, you get **35, 41.163, 332.011**, and if you desaturate by 10%, it is **41, 26.194, 330.788**.

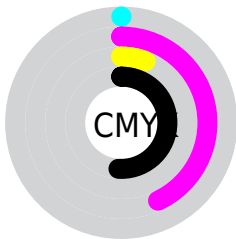
Distribution



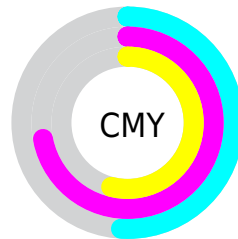
- Red (49%)
- Green (28%)
- Blue (45%)



- Red (49%)
- Yellow (28%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (6%)
- Black (51%)





- Cyan (51%)
- Magenta (72%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 33.927, 331.398 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, 33.927, 331.398 by changing the saturation by 10% instead.


 38, 33.927,
331.398


 38, 33.927,
331.398

 100, 33.927,
331.398


 28, 33.927,
331.398

 58, 33.927,
331.398


 18, 33.927,
331.398


 68, 33.927,
331.398

 8, 33.927, 331.398

 78, 33.927,
331.398

 0, 33.927, 331.398

 88, 33.927,
331.398

 98, 33.927,
331.398

■ 38, 33.927,
331.398

■ 38, 33.927,
331.398

■ 35, 41.163,
332.011

■ 41, 26.194,
330.788

■ 33, 47.611,
332.626

■ 44, 18.209,
330.183

■ 31, 52.948,
333.247

■ 48, 10.150,
329.583

■ 29, 56.882,
333.882

■ 51, 2.142, 328.932

■ 28, 59.241,
334.550

■ 55, 5.734, 148.509

■ 28, 60.505,
335.044

■ 58, 13.428,
147.954

■ 62, 20.914,
147.437

■ 66, 28.181,
146.948

■ 69, 35.228,
146.486

Harmonies

Complementary

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



38, 33.927, 331.398



47, 33.926, 145.559

Rectangle

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



38, 33.927, 331.398



38, 33.927, 21.398



38, 33.927, 151.398



38, 33.927, 201.398

Sweetspot

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



38, 33.925, 331.398



60, 12.839, 329.620



33, 33.535, 300.135



31, 9.062, 329.733



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



38, 33.925, 331.398



46, 49.240, 331.981



37, 25.235, 357.427



24, 4.442, 329.364



28, 60.775, 335.049



58, 101.691, 335.480

Inverse Universe

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



38, 33.925, 331.398



46, 49.240, 331.981



48, 22.831, 168.327



24, 4.442, 329.364



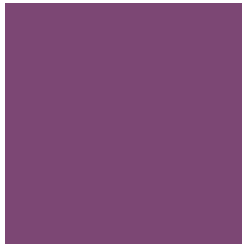
28, 60.775, 335.049



58, 101.691, 335.480

Previews

White Background



This preview shows how the CIELCh color 38, 33.927, 331.398 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, 33.927, 331.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

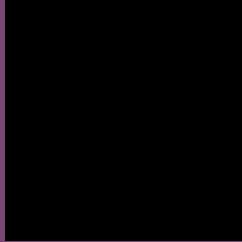
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 33.927, 331.398

Background



This preview shows how black text looks on a background with the CIELCh color 38, 33.927, 331.398.



This preview shows how white text looks on a background with the CIELCh color 38, 33.927, 331.398.

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, 33.927, 331.398

Protanopia

38, 24.731, 284.526

Deuteranopia

38, 15.383, 291.167



Tritanopia
38, 18.988, 11.449

Trichromacy



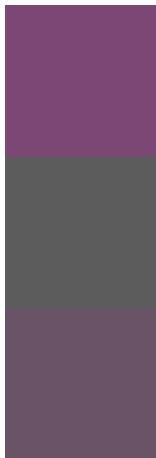
Original Color
38, 33.927, 331.398

Protanomaly
38, 25.677, 302.923

Deuteranomaly
38, 21.129, 313.447

Tritanomaly
38, 22.798, 351.094

Monochromacy



Original Color
38, 33.927, 331.398

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 13.338, 329.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 33.927, 331.398 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(124, 71, 116)` looks like.

```
.text, #text, p{  
    color:rgb(124, 71, 116)  
}
```

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(124, 71, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 71, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 33.927, 331.398 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(124, 71, 116) }
```

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

```
.border{ border-color:rgb(124, 71, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 71, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 71, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 71, 116); box-shadow:4px 4px 4px 4px rgb(124, 71, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 33.927, 331.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 71, 116) }
```

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

```
.background{ background-color: rgb(124, 71,  
116) }
```

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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