

Converting Colors

CIELCh(38, 27.108, 335.521)

Have a look what the booklet for
CIELCh(38, 27.108, 335.521)
contains.

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Color

CIELCh(38, 26.920, 335.501)

Conversions

Conversions Part 1

Format	Color
Hex	784B6C
RGB	120, 75, 108
RGB Percent	47%, 29%, 42%
CMY	0.5298, 0.7062, 0.5768
CMYK	0.00, 0.38, 0.10, 0.53
HSL	316°, 23%, 38%
HSV	316°, 38%, 47%
XYZ	12.9455, 10.0881, 15.4278
YIQ	92.2170, 16.2270, 19.8030

Conversions

Conversions Part 2

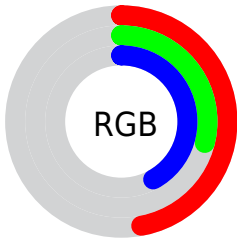
Format	Color
R_{YB}	120, 75, 108
Decimal	7883628
CIE _{Lab}	38.00, 24.50, -11.16
CIE _{LCh}	38, 26.920, 335.501
Yxy	10.0881, 0.3366, 0.2623
Android (android.graphics.Color)	4286073708 (0xFF784B6C)
YUV	92.2170, 7.7810, 24.3657
Hunter-Lab	31.7617, 17.1706, -6.5662

Details

The CIELCh color $[38, 26.920, 335.501]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[46, 26.696, 150.002]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[58, 26.487, 335.891]$, and $[18, 27.114, 334.810]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 33.723, 336.275]$, and if you desaturate by 10%, it is $[41, 19.808, 334.772]$.

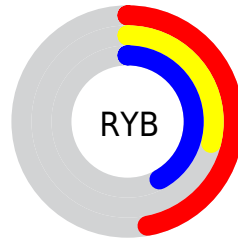
Distribution



Red (47%)

Green (29%)

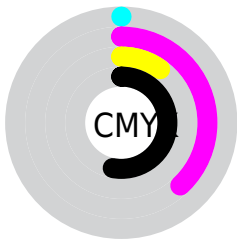
Blue (42%)



Red (47%)

Yellow (29%)

Blue (42%)

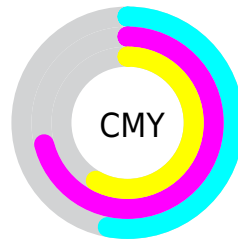


Cyan (0%)

Magenta (38%)

Yellow (10%)

Black (53%)



Cyan (53%)


Magenta (71%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 26.920, 335.501 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, 26.920, 335.501 by changing the saturation by 10% instead.


 38, 26.920,
335.501


 38, 26.920,
335.501

 100, 26.920,
335.501


 28, 26.920,
335.501

 58, 26.920,
335.501


 18, 26.920,
335.501


 68, 26.920,
335.501

 8, 26.920, 335.501

 78, 26.920,
335.501

 0, 26.920, 335.501

 88, 26.920,
335.501

 98, 26.920,
335.501

■ 38, 26.920,
335.501

■ 38, 26.920,
335.501

■ 35, 33.723,
336.275

■ 41, 19.808,
334.772

■ 32, 39.972,
337.104

■ 44, 12.580,
334.078

■ 30, 45.368,
338.009

■ 48, 5.366, 333.401

■ 28, 49.600,
339.021

■ 51, 1.745, 152.952

■ 55, 8.700, 152.260

■ 27, 52.413,
340.183

■ 58, 15.472,
151.691

■ 26, 53.991,
341.499

■ 62, 22.047,
151.159

■ 26, 54.375,
341.822

■ 66, 28.424,
150.657

■ 69, 34.607,
150.185

Harmonies

Complementary

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



38, 26.920, 335.501



46, 26.696, 150.002

Rectangle

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



38, 26.920, 335.501



38, 26.920, 25.501



38, 26.920, 155.501



38, 26.920, 205.501

Sweetspot

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



38, 26.918, 335.502



59, 9.738, 333.656



35, 28.514, 302.705



30, 6.599, 333.727



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, 26.918, 335.502



46, 39.599, 336.162



37, 20.795, 3.763



24, 4.092, 333.508



27, 55.964, 341.896



56, 93.320, 342.855

Inverse Universe

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



38, 26.918, 335.502



46, 39.599, 336.162



47, 18.290, 175.971



24, 4.092, 333.508



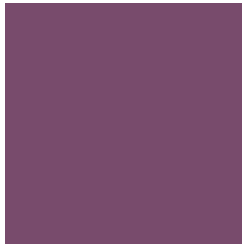
27, 55.964, 341.896



56, 93.320, 342.855

Previews

White Background



This preview shows how the CIELCh color 38, 26.920, 335.501 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, 26.920, 335.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

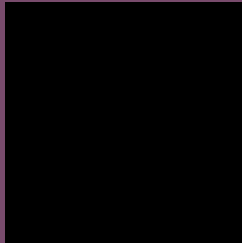
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 26.920, 335.501

Background



This preview shows how black text looks on a background with the CIELCh color 38, 26.920, 335.501.



This preview shows how white text looks on a background with the CIELCh color 38, 26.920, 335.501.

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, 26.920, 335.501

Protanopia

38, 17.925, 284.798

Deuteranopia

38, 11.165, 297.981



Tritanopia
38, 17.180, 9.923

Trichromacy



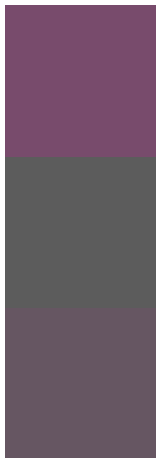
Original Color
38, 26.920, 335.501

Protanomaly
38, 19.143, 306.878

Deuteranomaly
38, 16.681, 319.489

Tritanomaly
38, 19.333, 354.451

Monochromacy



Original Color
38, 26.920, 335.501

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 9.965, 333.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 26.920, 335.501 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(120, 75, 108)` looks like.

```
.text, #text, p{  
    color:rgb(120, 75, 108)  
}
```

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(120, 75, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 75, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 26.920, 335.501 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(120, 75, 108) }
```

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

```
.border{ border-color:rgb(120, 75, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 75, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 75, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 75, 108);  
box-shadow:4px 4px 4px 4px rgb(120, 75,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 26.920, 335.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 75, 108) }
```

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

```
.background{ background-color: rgb(120, 75,  
108) }
```

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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