

Converting Colors

CIELCh(38, 26.566, 3.678)

Have a look what the booklet for
CIELCh(38, 26.566, 3.678) contains.

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Color

CIELCh(38, 26.785, 3.084)

Conversions

Conversions Part 1

Format	Color
Hex	824858
RGB	130, 72, 88
RGB Percent	51%, 28%, 35%
CMY	0.4901, 0.7176, 0.6549
CMYK	0.00, 0.45, 0.32, 0.49
HSL	343°, 29%, 40%
HSV	343°, 45%, 51%
XYZ	13.2882, 10.0881, 10.4820
YIQ	91.1660, 29.4320, 17.2720

Conversions

Conversions Part 2

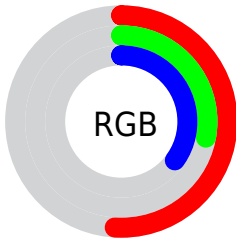
Format	Color
R_{YB}	130, 72, 88
Decimal	8538200
CIE _{Lab}	38.00, 26.75, 1.44
CIE _{LCh}	38, 26.785, 3.084
Yxy	10.0881, 0.3925, 0.2979
Android (android.graphics.Color)	4286728280 (0xFF824858)
YUV	91.1660, -1.5608, 34.0574
Hunter-Lab	31.7617, 19.0962, 2.6663

Details

The CIELCh color **38, 26.785, 3.084** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **50, 23.249, 173.211**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 26.850, 3.145**, and **18, 26.861, 2.365** is the 20% darker color. If you saturate the color by 10%, you get **35, 32.855, 5.040**, and if you desaturate by 10%, it is **41, 20.577, 1.487**.

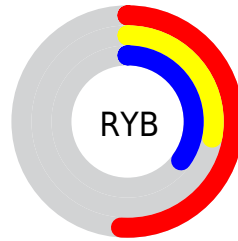
Distribution



Red (51%)

Green (28%)

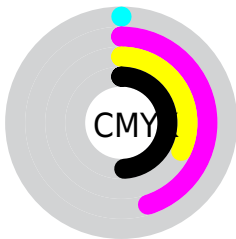
Blue (35%)



Red (51%)

Yellow (28%)

Blue (35%)

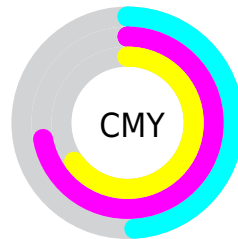


Cyan (0%)

Magenta (45%)

Yellow (32%)

Black (49%)



Cyan (49%)

Magenta (72%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 26.785, 3.084 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, 26.785, 3.084 by changing the saturation by 10% instead.

 38, 26.785, 3.084  38, 26.785, 3.084

 100, 26.785, 3.084  28, 26.785, 3.084

 58, 26.785, 3.084  18, 26.785, 3.084

 68, 26.785, 3.084  8, 26.785, 3.084

 78, 26.785, 3.084  0, 26.785, 3.084

 88, 26.785, 3.084

 98, 26.785, 3.084

 38, 26.785, 3.084  38, 26.785, 3.084

 35, 32.855, 5.040  41, 20.577, 1.487

 32, 38.563, 7.467  45, 14.409, 0.150

30, 43.656, 10.514

49, 8.393, 359.002

28, 47.934, 14.328

53, 2.594, 357.932

27, 51.388, 18.949

56, 2.958, 177.333

26, 53.281, 21.408

60, 8.256, 176.496

64, 13.304,
175.799

68, 18.119,
175.176

72, 22.716,
174.611

Harmonies

Complementary

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



38, 26.785, 3.084



50, 23.249, 173.211

Rectangle

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



38, 26.785, 3.084



38, 26.785, 53.084



38, 26.785, 183.084



38, 26.785, 233.084

Sweetspot

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



38, 26.783, 3.086



63, 9.198, 358.862



37, 38.493, 318.078



31, 6.431, 359.066



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



38, 26.783, 3.086



45, 40.112, 5.174



41, 22.959, 41.084



25, 3.150, 358.420



26, 52.502, 21.287



0, 0.000, 0.000

Inverse Universe

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



38, 26.783, 3.086



45, 40.112, 5.174



47, 16.829, 224.432



25, 3.150, 358.420



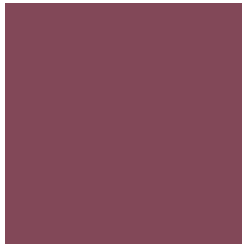
26, 52.502, 21.287



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 38, 26.785, 3.084 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 CIE LCh color 38, 26.785, 3.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

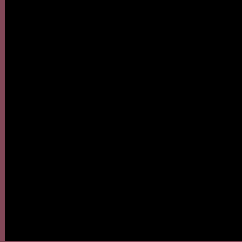
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 26.785, 3.084

Background



This preview shows how black text looks on a background with the CIELCh color 38, 26.785, 3.084.



This preview shows how white text looks on a background with the CIELCh color 38, 26.785, 3.084.

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, 26.785, 3.084

Protanopia

38, 5.539, 291.059

Deuteranopia

38, 5.827, 32.204



Tritanopia
38, 25.020, 16.680

Trichromacy



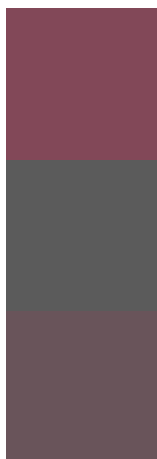
Original Color
38, 26.785, 3.084

Protanomaly
38, 11.182, 343.991

Deuteranomaly
38, 12.992, 10.599

Tritanomaly
38, 25.455, 11.506

Monochromacy



Original Color
38, 26.785, 3.084

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 9.775, 358.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 26.785, 3.084 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(130, 72, 88)` looks like.

```
.text, #text, p{  
    color:rgb(130, 72, 88)  
}
```

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(130, 72, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 72, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 26.785, 3.084 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(130, 72, 88) }
```

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

```
.border{ border-color:rgb(130, 72, 88) }
```

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

Here you see how a box with a 4 pixel rgb(130, 72, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 72, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 72, 88);  
box-shadow:4px 4px 4px 4px rgb(130, 72,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 26.785, 3.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 72, 88) }
```

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

```
.background{ background-color: rgb(130, 72,  
88) }
```

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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