

Converting Colors

CIELCh(38, 41.448, 331.829)

Have a look what the booklet for
CIELCh(38, 41.448, 331.829)
contains.

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Color

CIELCh(38, 41.885, 331.847)

Conversions

Conversions Part 1

Format	Color
Hex	84417A
RGB	132, 65, 122
RGB Percent	52%, 25%, 48%
CMY	0.4824, 0.7451, 0.5216
CMYK	0.00, 0.51, 0.08, 0.48
HSL	309°, 34%, 39%
HSV	309°, 51%, 52%
XYZ	14.9147, 10.0881, 19.5686
YIQ	91.5310, 21.6350, 31.9310

Conversions

Conversions Part 2

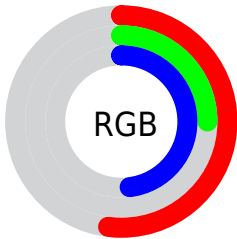
Format	Color
R_{YB}	132, 65, 122
Decimal	8667514
CIE _{Lab}	38.00, 36.93, -19.76
CIE _{LCh}	38, 41.885, 331.847
Yxy	10.0881, 0.3346, 0.2263
Android (android.graphics.Color)	4286857594 (0xFF84417A)
YUV	91.5310, 15.0212, 35.4913
Hunter-Lab	31.7617, 28.2373, -14.2957

Details

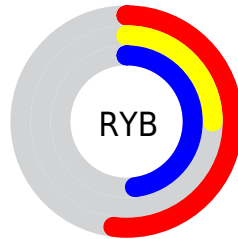
The CIELCh color **38, 41.885, 331.847** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **50, 42.058, 144.584**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 42.430, 331.784**, and **18, 41.888, 331.729** is the 20% darker color. If you saturate the color by 10%, you get **35, 48.825, 332.462**, and if you desaturate by 10%, it is **41, 34.160, 331.233**.

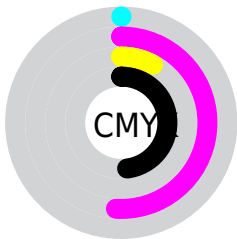
Distribution



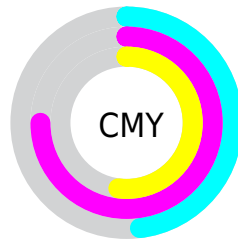
- Red (52%)
- Green (25%)
- Blue (48%)



- Red (52%)
- Yellow (25%)
- Blue (48%)



- Cyan (0%)
- Magenta (51%)
- Yellow (8%)
- Black (48%)



- Cyan (48%)
- Magenta (75%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 41.885, 331.847 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, 41.885, 331.847 by changing the saturation by 10% instead.


 38, 41.885,
331.847


 38, 41.885,
331.847

 100, 41.885,
331.847


 28, 41.885,
331.847

 58, 41.885,
331.847


 18, 41.885,
331.847


 68, 41.885,
331.847

 8, 41.885, 331.847

 78, 41.885,
331.847

 0, 41.885, 331.847

 88, 41.885,
331.847

 98, 41.885,
331.847

38, 41.885,
331.847

38, 41.885,
331.847

35, 48.825,
332.462

41, 34.160,
331.233

33, 54.644,
333.081

44, 25.960,
330.622

32, 59.020,
333.712

48, 17.530,
330.015

30, 61.740,
334.370

51, 9.048, 329.413

30, 63.269,
334.999

55, 0.639, 328.523

59, 7.617, 148.337

62, 15.673,
147.790

66, 23.506,
147.276

■ 70, 31.106,
146.791

Harmonies

Complementary

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



38, 41.885, 331.847



50, 42.058, 144.584

Rectangle

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



38, 41.885, 331.847



38, 41.885, 21.847



38, 41.885, 151.847



38, 41.885, 201.847

Sweetspot

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



38, 41.883, 331.847



63, 15.612, 329.689



32, 42.532, 300.760



32, 10.743, 329.797



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



38, 41.883, 331.847



46, 60.200, 332.561



37, 31.692, 357.663



26, 4.756, 329.314



29, 62.607, 334.988



0, 1.132, 328.816

Inverse Universe

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



38, 41.883, 331.847



46, 60.200, 332.561



50, 28.402, 166.191



26, 4.756, 329.314



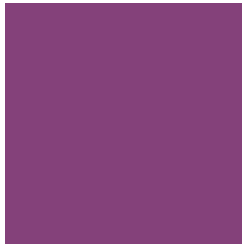
29, 62.607, 334.988



0, 1.132, 328.816

Previews

White Background



This preview shows how the CIELCh color 38, 41.885, 331.847 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, 41.885, 331.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

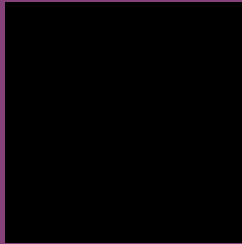
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 41.885, 331.847

Background



This preview shows how black text looks on a background with the CIELCh color 38, 41.885, 331.847.



This preview shows how white text looks on a background with the CIELCh color 38, 41.885, 331.847.

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, 41.885, 331.847

Protanopia
38, 32.705, 285.890

Deuteranopia
38, 17.857, 287.064



Tritanopia
38, 23.611, 15.984

Trichromacy



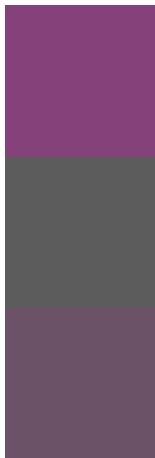
Original Color
38, 41.885, 331.847

Protanomaly
37, 33.705, 302.714

Deuteranomaly
38, 25.420, 311.860

Tritanomaly
38, 28.154, 353.482

Monochromacy



Original Color
38, 41.885, 331.847

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 16.488, 330.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 41.885, 331.847 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(132, 65, 122)` looks like.

```
.text, #text, p{  
    color:rgb(132, 65, 122)  
}
```

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(132, 65, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 65, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 41.885, 331.847 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(132, 65, 122) }
```

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

```
.border{ border-color:rgb(132, 65, 122) }
```

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

Here you see how a box with a 4 pixel rgb(132, 65, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 65, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 65, 122);  
box-shadow:4px 4px 4px 4px rgb(132, 65,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 41.885, 331.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 65, 122) }
```

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

```
.background{ background-color: rgb(132, 65,  
122) }
```

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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