

Converting Colors

CIELCh(38, 25.140, 317.614)

Have a look what the booklet for
CIELCh(38, 25.140, 317.614)
contains.

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Color

CIELCh(38, 25.058, 317.959)

Conversions

Conversions Part 1

Format	Color
Hex	6B5075
RGB	107, 80, 117
RGB Percent	42%, 31%, 46%
CMY	0.5814, 0.6872, 0.5422
CMYK	0.09, 0.32, 0.00, 0.54
HSL	284°, 19%, 39%
HSV	284°, 32%, 46%
XYZ	12.0770, 10.0881, 18.0581
YIQ	92.2910, 4.2150, 17.2310

Conversions

Conversions Part 2

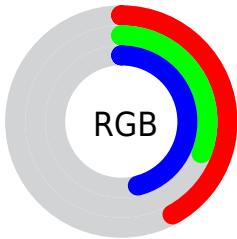
Format	Color
R_{YB}	107, 80, 117
Decimal	7032949
CIE _{Lab}	38.00, 18.61, -16.78
CIE _{LCh}	38, 25.058, 317.959
Yxy	10.0881, 0.3003, 0.2508
Android (android.graphics.Color)	4285223029 (0xFF6B5075)
YUV	92.2910, 12.1815, 12.8998
Hunter-Lab	31.7617, 12.2897, -11.4761

Details

The CIELCh color **38, 25.058, 317.959** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **46, 24.566, 135.187**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 24.685, 318.071**, and **18, 25.147, 317.768** is the 20% darker color. If you saturate the color by 10%, you get **35, 33.017, 318.357**, and if you desaturate by 10%, it is **41, 17.051, 317.542**.

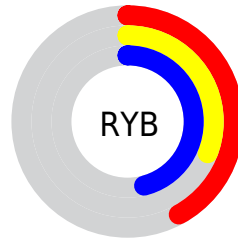
Distribution



Red (42%)

Green (31%)

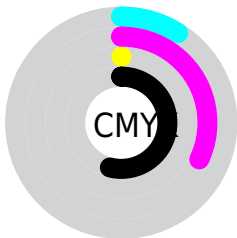
Blue (46%)



Red (42%)

Yellow (31%)

Blue (46%)

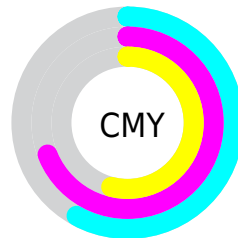


Cyan (9%)

Magenta (32%)

Yellow (0%)

Black (54%)



Cyan (58%)


Magenta (69%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 25.058, 317.959 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, 25.058, 317.959 by changing the saturation by 10% instead.


 38, 25.058,
317.959


 38, 25.058,
317.959

 100, 25.058,
317.959


 28, 25.058,
317.959

 58, 25.058,
317.959


 18, 25.058,
317.959


 68, 25.058,
317.959

 8, 25.058, 317.959

 78, 25.058,
317.959

 0, 25.058, 317.959

 88, 25.058,
317.959

 98, 25.058,
317.959

■ 38, 25.058,
317.959

■ 38, 25.058,
317.959

■ 35, 33.017,
318.357

■ 41, 17.051,
317.542

■ 32, 40.764,
318.711

■ 45, 9.109, 317.121

■ 49, 1.302, 316.634

■ 29, 48.060,
318.990

■ 52, 6.331, 136.369

■ 26, 54.596,
319.149

■ 56, 13.768,
135.998

■ 24, 60.010,
319.139

■ 59, 21.001,
135.661

■ 22, 63.965,
318.909

■ 63, 28.029,
135.354

■ 21, 66.756,
318.669

■ 67, 34.856,
135.074

■ 70, 41.488,
134.820

Harmonies

Complementary

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



38, 25.058, 317.959



46, 24.566, 135.187

Rectangle

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



38, 25.058, 317.959



38, 25.058, 7.959



38, 25.058, 137.959



38, 25.058, 187.959

Sweetspot

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



38, 25.057, 317.959



59, 9.720, 317.061



38, 16.582, 279.447



30, 6.599, 317.107



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



38, 25.057, 317.959



47, 37.571, 318.253



39, 23.074, 333.090



23, 4.396, 317.009



22, 69.076, 318.626



48, 117.405, 318.152

Inverse Universe

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



38, 17.134, 1.418



47, 25.892, 2.482



46, 22.956, 148.801



23, 2.930, 358.795



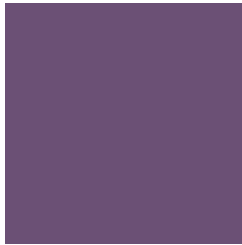
25, 51.042, 21.502



53, 88.359, 24.910

Previews

White Background



This preview shows how the CIELCh color 38, 25.058, 317.959 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, 25.058, 317.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

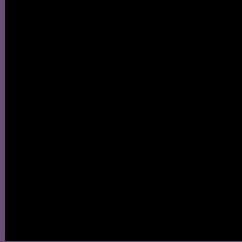
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 25.058, 317.959

Background



This preview shows how black text looks on a background with the CIELCh color 38, 25.058, 317.959.

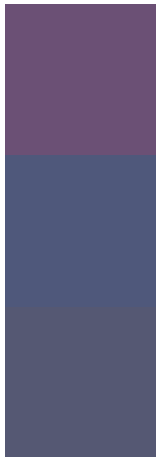


This preview shows how white text looks on a background with the CIELCh color 38, 25.058, 317.959.

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, 25.058, 317.959

Protanopia

38, 21.656, 285.162

Deuteranopia

38, 16.626, 288.925



Tritanopia
38, 8.558, 355.276

Trichromacy



Original Color
38, 25.058, 317.959

Protanomaly
38, 22.288, 297.329

Deuteranomaly
38, 19.413, 302.036

Tritanomaly
38, 13.618, 331.372

Monochromacy



Original Color
38, 25.058, 317.959

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 8.834, 315.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 25.058, 317.959 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(107, 80, 117)` looks like.

```
.text, #text, p{  
    color:rgb(107, 80, 117)  
}
```

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(107, 80, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 80, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 25.058, 317.959 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(107, 80, 117) }
```

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

```
.border{ border-color:rgb(107, 80, 117) }
```

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

Here you see how a box with a 4 pixel rgb(107, 80, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 80, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 80, 117);  
box-shadow:4px 4px 4px 4px rgb(107, 80,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 25.058, 317.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 80, 117) }
```

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

```
.background{ background-color: rgb(107, 80,  
117) }
```

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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