

Converting Colors

CIELCh(38, 29.017, 305.865)

Have a look what the booklet for
CIELCh(38, 29.017, 305.865)
contains.

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Color

CIELCh(38, 28.986, 305.785)

Conversions

Conversions Part 1

Format	Color
Hex	625280
RGB	98, 82, 128
RGB Percent	38%, 32%, 50%
CMY	0.6174, 0.6801, 0.4999
CMYK	0.24, 0.36, 0.00, 0.50
HSL	261°, 22%, 41%
HSV	261°, 36%, 50%
XYZ	11.8393, 10.0881, 21.5854
YIQ	92.0280, -5.2300, 17.6980

Conversions

Conversions Part 2

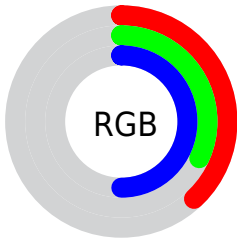
Format	Color
R_{YB}	98, 82, 128
Decimal	6443648
CIE _{Lab}	38.00, 16.95, -23.51
CIE _{LCh}	38, 28.986, 305.785
Yxy	10.0881, 0.2721, 0.2318
Android (android.graphics.Color)	4284633728 (0xFF625280)
YUV	92.0280, 17.7342, 5.2374
Hunter-Lab	31.7617, 10.9536, -18.0606

Details

The CIELCh color **38, 28.986, 305.785** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **51, 27.127, 121.705**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 28.698, 305.883**, and **18, 29.271, 305.710** is the 20% darker color. If you saturate the color by 10%, you get **34, 37.522, 306.534**, and if you desaturate by 10%, it is **42, 20.628, 305.087**.

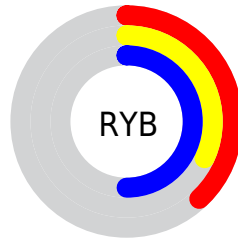
Distribution



Red (38%)

Green (32%)

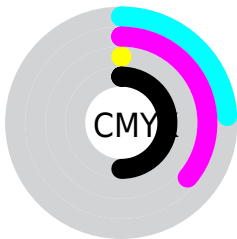
Blue (50%)



Red (38%)

Yellow (32%)

Blue (50%)

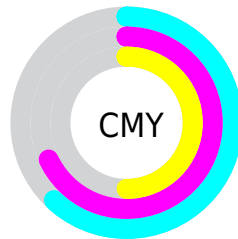


Cyan (24%)

Magenta (36%)

Yellow (0%)

Black (50%)



Cyan (62%)


Magenta (68%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 28.986, 305.785 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, 28.986, 305.785 by changing the saturation by 10% instead.


 38, 28.986,
305.785


 38, 28.986,
305.785

 100, 28.986,
305.785


 28, 28.986,
305.785

 58, 28.986,
305.785


 18, 28.986,
305.785


 68, 28.986,
305.785

 8, 28.986, 305.785

 78, 28.986,
305.785

 0, 28.986, 305.785

 88, 28.986,
305.785

 98, 28.986,
305.785

■ 38, 28.986,
305.785

■ 38, 28.986,
305.785

■ 34, 37.522,
306.534

■ 42, 20.628,
305.087

■ 30, 46.126,
307.309

■ 47, 12.505,
304.452

■ 26, 54.583,
308.058

■ 51, 4.635, 303.879

■ 22, 62.517,
308.698

■ 55, 2.978, 123.403

■ 19, 69.356,
309.106

■ 59, 10.341,
122.952

■ 17, 74.630,
309.208

■ 64, 17.464,
122.566

■ 16, 76.738,
309.314

■ 68, 24.359,
122.231

■ 72, 31.038,
121.941

■ 76, 37.516,
121.692

Harmonies

Complementary

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



38, 28.986, 305.785



51, 27.127, 121.705

Rectangle

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



38, 28.986, 305.785



38, 28.986, 355.785



38, 28.986, 125.785



38, 28.986, 175.785

Sweetspot

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



38, 28.985, 305.785



62, 10.544, 304.171



46, 13.876, 239.883



32, 7.153, 304.235



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, 28.985, 305.785



45, 43.312, 306.379



40, 31.366, 321.358



25, 4.345, 304.048



16, 76.722, 309.315



0, 0.000, 0.000

Inverse Universe

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



41, 25.774, 338.991



50, 37.870, 339.709



50, 30.988, 137.836



25, 3.996, 336.862



27, 53.993, 347.698



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 38, 28.986, 305.785 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, 28.986, 305.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

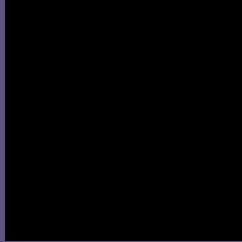
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 28.986, 305.785

Background



This preview shows how black text looks on a background with the CIELCh color 38, 28.986, 305.785.



This preview shows how white text looks on a background with the CIELCh color 38, 28.986, 305.785.

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, 28.986, 305.785

Protanopia

38, 27.839, 284.993

Deuteranopia

38, 22.942, 283.365



Tritanopia
38, 4.642, 311.794

Trichromacy



Original Color
38, 28.986, 305.785

Protanomaly
38, 27.676, 292.287

Deuteranomaly
38, 25.238, 292.469

Tritanomaly
38, 13.378, 305.818

Monochromacy



Original Color
38, 28.986, 305.785

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 10.764, 304.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 28.986, 305.785 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(98, 82, 128)` looks like.

```
.text, #text, p{  
    color:rgb(98, 82, 128)  
}
```

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(98, 82, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 82, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 28.986, 305.785 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(98, 82, 128) }
```

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

```
.border{ border-color:rgb(98, 82, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 82, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 82, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 82, 128);  
box-shadow:4px 4px 4px 4px rgb(98, 82,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 28.986, 305.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 82, 128) }
```

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

```
.background{ background-color: rgb(98, 82,  
128) }
```

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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