

Converting Colors

CIELCh(38, 24.305, 324.972)

Have a look what the booklet for
CIELCh(38, 24.305, 324.972)
contains.

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Color

CIELCh(38, 23.870, 325.089)

Conversions

Conversions Part 1

Format	Color
Hex	6F4F70
RGB	111, 79, 112
RGB Percent	44%, 31%, 44%
CMY	0.5656, 0.6911, 0.5617
CMYK	0.01, 0.30, 0.00, 0.56
HSL	298°, 17%, 37%
HSV	298°, 30%, 44%
XYZ	12.2166, 10.0881, 16.5634
YIQ	92.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

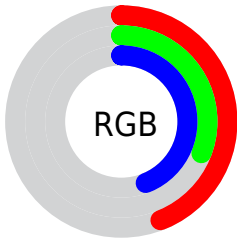
Format	Color
R_{YB}	111, 79, 112
Decimal	7294832
CIE _{Lab}	38.00, 19.57, -13.66
CIE _{LCh}	38, 23.870, 325.089
Yxy	10.0881, 0.3143, 0.2595
Android (android.graphics.Color)	4285484912 (0xFF6F4F70)
YUV	92.3300, 9.6973, 16.3736
Hunter-Lab	31.7617, 13.0741, -8.6859

Details

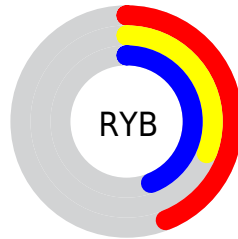
The CIELCh color **38, 23.870, 325.089** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44, 23.830, 141.797**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 23.644, 324.777**, and **18, 23.647, 325.641** is the 20% darker color. If you saturate the color by 10%, you get **35, 31.783, 325.560**, and if you desaturate by 10%, it is **41, 15.777, 324.595**.

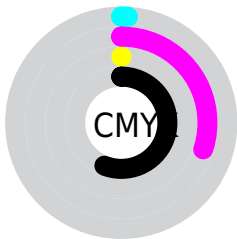
Distribution



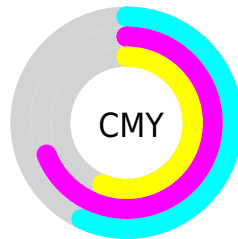
- Red (44%)
- Green (31%)
- Blue (44%)



- Red (44%)
- Yellow (31%)
- Blue (44%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (56%)





- Cyan (57%)
- Magenta (69%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 23.870, 325.089 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, 23.870, 325.089 by changing the saturation by 10% instead.


 38, 23.870,
325.089


 38, 23.870,
325.089

 100, 23.870,
325.089


 28, 23.870,
325.089

 58, 23.870,
325.089


 18, 23.870,
325.089


 68, 23.870,
325.089

 8, 23.870, 325.089

 78, 23.870,
325.089

 0, 23.870, 325.089

 88, 23.870,
325.089

 98, 23.870,
325.089

38, 23.870,
325.089

38, 23.870,
325.089

35, 31.783,
325.560

41, 15.777,
324.595

33, 39.317,
325.993

44, 7.658, 324.084

30, 46.217,
326.372

47, 0.382, 144.038

51, 8.275, 143.141

28, 52.199,
326.680

54, 15.978,
142.660

27, 56.984,
326.900

57, 23.469,
142.206

26, 60.373,
327.022

61, 30.738,
141.777

25, 62.870,
327.085

64, 37.785,
141.372

25, 62.994,

327.089

 67, 44.614,
140.993

Harmonies

Complementary

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



38, 23.870, 325.089



44, 23.830, 141.797

Rectangle

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



38, 23.870, 325.089



38, 23.870, 15.089



38, 23.870, 145.089



38, 23.870, 195.089

Sweetspot

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



38, 23.869, 325.089



57, 8.984, 324.070



35, 19.910, 292.273



29, 6.296, 324.131



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



38, 23.869, 325.089



47, 35.014, 325.395



38, 17.541, 344.366



22, 4.540, 324.058



27, 66.214, 327.080



57, 113.094, 327.015

Inverse Universe

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



37, 14.887, 19.337



46, 22.359, 20.142



44, 17.038, 159.390



22, 2.649, 17.392



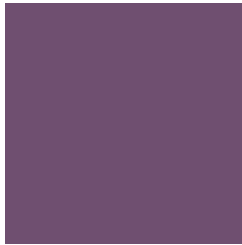
24, 57.178, 36.592



52, 100.996, 39.140

Previews

White Background



This preview shows how the CIELCh color 38, 23.870, 325.089 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, 23.870, 325.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

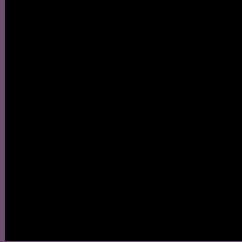
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 23.870, 325.089

Background



This preview shows how black text looks on a background with the CIELCh color 38, 23.870, 325.089.

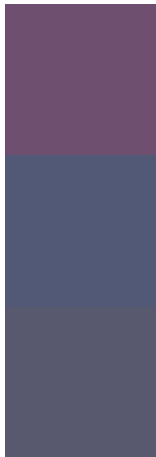


This preview shows how white text looks on a background with the CIELCh color 38, 23.870, 325.089.

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, 23.870, 325.089

Protanopia

38, 18.569, 284.121

Deuteranopia

38, 13.545, 292.292



Tritanopia
38, 11.449, 2.514

Trichromacy



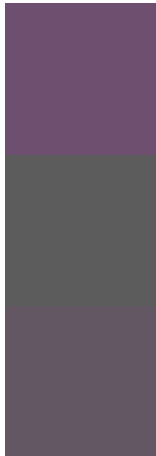
Original Color
38, 23.870, 325.089

Protanomaly
38, 19.358, 300.924

Deuteranomaly
38, 16.655, 307.497

Tritanomaly
38, 15.306, 341.997

Monochromacy



Original Color
38, 23.870, 325.089

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 8.924, 325.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 23.870, 325.089 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(111, 79, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 79, 112)  
}
```

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(111, 79, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 79, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 23.870, 325.089 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(111, 79, 112) }
```

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

```
.border{ border-color:rgb(111, 79, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 79, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 79, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 79, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 79,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 23.870, 325.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 79, 112) }
```

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

```
.background{ background-color: rgb(111, 79,  
112) }
```

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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