

Converting Colors

CIELCh(38, 24.280, 303.125)

Have a look what the booklet for
CIELCh(38, 24.280, 303.125)
contains.

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Color

CIELCh(38, 23.779, 302.585)

Conversions

Conversions Part 1

Format	Color
Hex	5E547A
RGB	94, 84, 122
RGB Percent	37%, 33%, 48%
CMY	0.6320, 0.6712, 0.5222
CMYK	0.23, 0.31, 0.00, 0.52
HSL	256°, 18%, 40%
HSV	256°, 31%, 48%
XYZ	11.2597, 10.0881, 19.7112
YIQ	91.3220, -6.2380, 13.9380

Conversions

Conversions Part 2

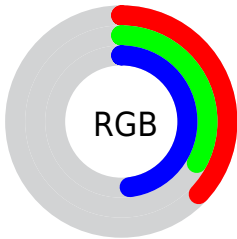
Format	Color
R_YB	94, 84, 122
Decimal	6182010
CIE _{Lab}	38.00, 12.81, -20.04
CIE _{LCh}	38, 23.779, 302.585
Yxy	10.0881, 0.2742, 0.2457
Android (android.graphics.Color)	4284372090 (0xFF5E547A)
YUV	91.3220, 15.1243, 2.3486
Hunter-Lab	31.7617, 7.6963, -14.5619

Details

The CIELCh color **38, 23.779, 302.585** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **49, 22.336, 118.572**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 23.748, 302.202**, and **18, 23.704, 302.830** is the 20% darker color. If you saturate the color by 10%, you get **34, 31.924, 303.466**, and if you desaturate by 10%, it is **42, 15.876, 301.792**.

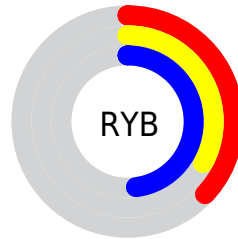
Distribution



Red (37%)

Green (33%)

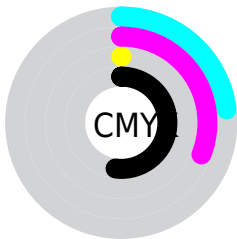
Blue (48%)



Red (37%)

Yellow (33%)

Blue (48%)

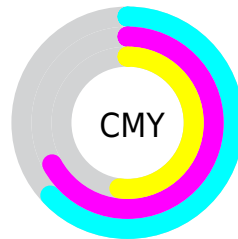


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (52%)



Cyan (63%)


Magenta (67%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 23.779, 302.585 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, 23.779, 302.585 by changing the saturation by 10% instead.


 38, 23.779,
302.585


 38, 23.779,
302.585

 100, 23.779,
302.585


 28, 23.779,
302.585

 58, 23.779,
302.585


 18, 23.779,
302.585


 68, 23.779,
302.585

 8, 23.779, 302.585

 78, 23.779,
302.585

 0, 23.779, 302.585

 88, 23.779,
302.585

 98, 23.779,
302.585

■ 38, 23.779,
302.585

■ 38, 23.779,
302.585

■ 34, 31.924,
303.466

■ 42, 15.876,
301.792

■ 30, 40.258,
304.422

■ 46, 8.237, 301.088

■ 26, 48.651,
305.419

■ 51, 0.861, 300.446

■ 55, 6.261, 119.940

■ 22, 56.842,
306.389

■ 59, 13.142,
119.470

■ 19, 64.368,
307.217

■ 63, 19.793,
119.064

■ 16, 70.529,
307.742

■ 67, 26.230,
118.712

■ 14, 75.319,
308.186

■ 71, 32.465,
118.409

■ 75, 38.511,
118.148

Harmonies

Complementary

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



38, 23.779, 302.585



49, 22.336, 118.572

Rectangle

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



38, 23.779, 302.585



38, 23.779, 352.585



38, 23.779, 122.585



38, 23.779, 172.585

Sweetspot

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



38, 23.778, 302.585



60, 8.180, 300.960



46, 11.658, 227.608



30, 5.664, 301.038



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



38, 23.778, 302.585



46, 35.316, 303.167



40, 25.651, 318.581



23, 4.150, 300.950



14, 76.722, 308.163



34, 129.931, 307.723

Inverse Universe

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



41, 22.782, 334.893



50, 33.357, 335.386



48, 25.200, 135.807



24, 4.102, 333.370



27, 56.098, 341.662



56, 93.550, 342.601

Previews

White Background



This preview shows how the CIELCh color 38, 23.779, 302.585 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, 23.779, 302.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

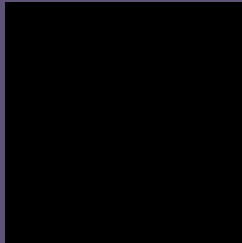
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 23.779, 302.585

Background



This preview shows how black text looks on a background with the CIELCh color 38, 23.779, 302.585.

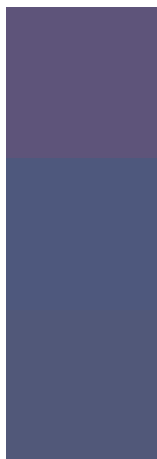


This preview shows how white text looks on a background with the CIELCh color 38, 23.779, 302.585.

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, 23.779, 302.585

Protanopia

38, 22.897, 285.039

Deuteranopia

38, 20.377, 286.309



Tritanopia
38, 4.310, 290.869

Trichromacy



Original Color
38, 23.779, 302.585

Protanomaly
38, 23.410, 292.063

Deuteranomaly
38, 21.576, 293.511

Tritanomaly
38, 11.239, 300.005

Monochromacy



Original Color
38, 23.779, 302.585

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 8.795, 302.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 23.779, 302.585 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(94, 84, 122)` looks like.

```
.text, #text, p{  
    color:rgb(94, 84, 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(94, 84, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 84, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 23.779, 302.585 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(94, 84, 122) }
```

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

```
.border{ border-color:rgb(94, 84, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 84, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 84, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 84, 122);  
box-shadow:4px 4px 4px 4px rgb(94, 84,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 23.779, 302.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 84, 122) }
```

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

```
.background{ background-color: rgb(94, 84,  
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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