

Converting Colors

CIELCh(38, 24.652, 232.635)

Have a look what the booklet for
CIELCh(38, 24.652, 232.635)
contains.

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Color

CIELCh(38, 24.709, 232.660)

Conversions

Conversions Part 1

Format	Color
Hex	076279
RGB	7, 98, 121
RGB Percent	3%, 38%, 47%
CMY	0.9723, 0.6170, 0.5269
CMYK	0.94, 0.19, 0.00, 0.53
HSL	192°, 89%, 25%
HSV	192°, 94%, 47%
XYZ	7.8529, 10.0881, 19.5075
YIQ	73.4130, -61.6190, -12.1390

Conversions

Conversions Part 2

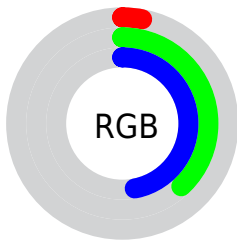
Format	Color
RYB	7, 58, 121
Decimal	483961
CIELab	38.00, -14.99, -19.64
CIELCh	38, 24.709, 232.660
Yxy	10.0881, 0.2097, 0.2694
Android (android.graphics.Color)	4278674041 (0xFF076279)
YUV	73.4130, 23.4604, -58.2442
Hunter-Lab	31.7617, -11.4497, -14.1817

Details

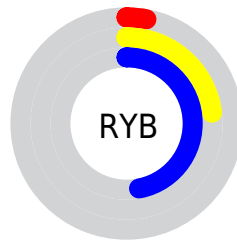
The CIELCh color **38, 24.709, 232.660** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 52.212, 43.054**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 24.711, 231.649**, and **19, 18.652, 248.836** is the 20% darker color. If you saturate the color by 10%, you get **37, 25.201, 234.490**, and if you desaturate by 10%, it is **39, 23.806, 229.599**.

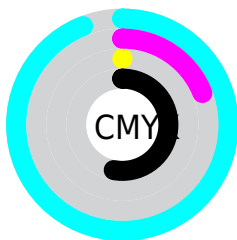
Distribution



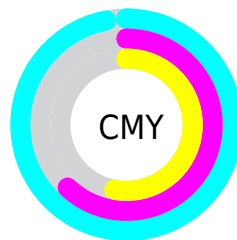
- Red (3%)
- Green (38%)
- Blue (47%)



- Red (3%)
- Yellow (23%)
- Blue (47%)



- Cyan (94%)
- Magenta (19%)
- Yellow (0%)
- Black (53%)



- Cyan (97%)
- Magenta (62%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 24.709, 232.660 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, 24.709, 232.660 by changing the saturation by 10% instead.


 38, 24.709,
232.660

 38, 24.709,
232.660

 100, 24.709,
232.660


 28, 24.709,
232.660

 58, 24.709,
232.660

 18, 24.709,
232.660

 68, 24.709,
232.660

 8, 24.709, 232.660

 78, 24.709,
232.660

 0, 24.709, 232.660

 88, 24.709,
232.660

 98, 24.709,
232.660

■ 38, 24.709,
232.660

■ 38, 24.709,
232.660

■ 37, 25.201,
234.490

■ 39, 23.806,
229.599

■ 40, 22.492,
227.084

■ 41, 20.713,
225.078

■ 42, 18.469,
223.508

■ 44, 15.787,
222.300

■ 45, 12.712,
221.390

■ 47, 9.300, 220.722

■ 48, 5.605, 220.260

Harmonies

Complementary

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



38, 24.709, 232.660



27, 52.212, 43.054

Rectangle

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



38, 24.709, 232.660



38, 24.709, 282.660



38, 24.709, 52.660



38, 24.709, 102.660

Sweetspot

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



38, 24.708, 232.660



60, 13.259, 221.000



44, 61.648, 139.973



30, 8.993, 221.245



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, 24.708, 232.660



49, 30.737, 235.568



20, 53.315, 295.310



25, 2.287, 220.108



39, 25.852, 234.644



75, 43.749, 236.935

Inverse Universe

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



27, 56.141, 337.313



36, 69.232, 338.157



39, 45.903, 80.782



24, 4.284, 331.119



27, 58.526, 337.900



57, 97.755, 338.542

Previews

White Background



This preview shows how the CIELCh color 38, 24.709, 232.660 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, 24.709, 232.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

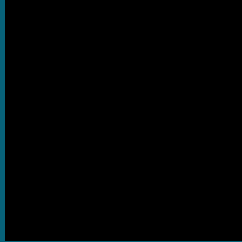
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 24.709, 232.660

Background



This preview shows how black text looks on a background with the CIELCh color 38, 24.709, 232.660.

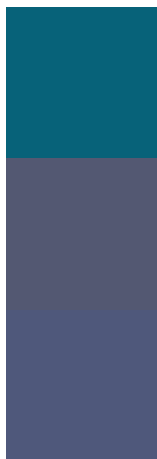


This preview shows how white text looks on a background with the CIELCh color 38, 24.709, 232.660.

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, 24.764, 232.565

Protanopia

38, 16.067, 286.060

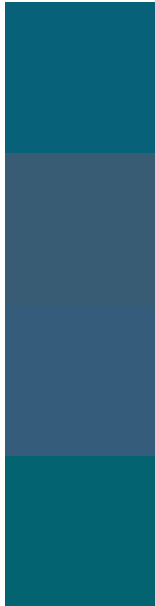
Deuteranopia

38, 21.656, 285.162



Tritanopia
38, 24.175, 208.561

Trichromacy



Original Color
38, 24.764, 232.565

Protanomaly
37, 18.633, 251.624

Deuteranomaly
38, 21.581, 258.280

Tritanomaly
38, 23.943, 216.619

Monochromacy



Original Color
38, 24.764, 232.565

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 12.841, 221.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 24.709, 232.660 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(7, 98, 121)` looks like.

```
.text, #text, p{  
    color:rgb(7, 98, 121)  
}
```

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(7, 98, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 98, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 24.709, 232.660 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(7, 98, 121) }
```

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

```
.border{ border-color:rgb(7, 98, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 98, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 98, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 98, 121);  
box-shadow:4px 4px 4px 4px rgb(7, 98, 121)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 24.709, 232.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 98, 121) }
```

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

```
.background{ background-color: rgb(7, 98,  
121) }
```

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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