

Converting Colors

CIELCh(38, 26.340, 188.742)

Have a look what the booklet for
CIELCh(38, 26.340, 188.742)
contains.

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Color

CIELCh(38, 26.473, 188.115)

Conversions

Conversions Part 1

Format	Color
Hex	01655F
RGB	1, 101, 95
RGB Percent	0%, 40%, 37%
CMY	0.9944, 0.6049, 0.6284
CMYK	0.99, 0.00, 0.06, 0.60
HSL	176°, 97%, 20%
HSV	176°, 99%, 40%
XYZ	6.7005, 10.0881, 12.3606
YIQ	70.4160, -57.6740, -23.0660

Conversions

Conversions Part 2

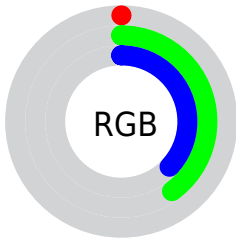
Format	Color
R_{YB}	1, 53, 101
Decimal	91487
CIE _{Lab}	38.00, -26.21, -3.74
CIE _{LCh}	38, 26.473, 188.115
Yxy	10.0881, 0.2299, 0.3461
Android (android.graphics.Color)	4278281567 (0xFF01655F)
YUV	70.4160, 12.1199, -60.8778
Hunter-Lab	31.7617, -17.9262, -0.8405

Details

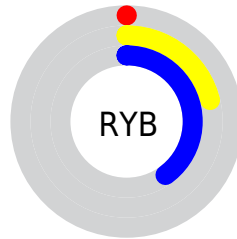
The CIELCh color **38, 26.473, 188.115** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 48.221, 33.236**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 26.490, 188.271**, and **19, 17.429, 187.023** is the 20% darker color. If you saturate the color by 10%, you get **38, 26.609, 188.023**, and if you desaturate by 10%, it is **38, 25.518, 188.782**.

Distribution



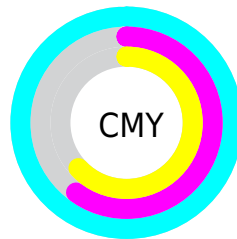
- Red (0%)
- Green (40%)
- Blue (37%)



- Red (0%)
- Yellow (21%)
- Blue (40%)



- Cyan (99%)
- Magenta (0%)
- Yellow (6%)
- Black (60%)





- Cyan (99%)
- Magenta (60%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 26.473, 188.115 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, 26.473, 188.115 by changing the saturation by 10% instead.


 38, 26.473,
188.115


 38, 26.473,
188.115

 100, 26.473,
188.115


 28, 26.473,
188.115

 58, 26.473,
188.115


 18, 26.473,
188.115


 68, 26.473,
188.115

 8, 26.473, 188.115

 78, 26.473,
188.115

 0, 26.473, 188.115

 88, 26.473,
188.115

 98, 26.473,
188.115

■ 38, 26.473,
188.115

■ 38, 26.473,
188.115

■ 38, 26.609,
188.023

■ 38, 25.518,
188.782

■ 38, 24.276,
189.446

■ 39, 22.555,
190.085

■ 39, 20.355,
190.710

■ 39, 17.700,
191.332

■ 40, 14.634,
191.958

■ 40, 11.212,
192.592

■ 41, 7.493, 193.241

Harmonies

Complementary

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



38, 26.473, 188.115



19, 48.221, 33.236

Rectangle

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



38, 26.473, 188.115



38, 26.473, 238.115



38, 26.473, 8.115



38, 26.473, 58.115

Sweetspot

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



38, 26.473, 188.114



52, 14.414, 192.447



37, 59.689, 135.575



26, 9.814, 192.256



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



38, 26.473, 188.114



49, 31.970, 187.798



23, 29.969, 273.080



21, 2.337, 193.906



43, 29.202, 187.902



87, 50.819, 187.414

Inverse Universe

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



19, 48.221, 33.236



26, 60.319, 36.083



26, 42.250, 57.137



19, 2.448, 14.948



22, 54.383, 34.940



51, 98.218, 38.220

Previews

White Background



This preview shows how the CIELCh color 38, 26.473, 188.115 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, 26.473, 188.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

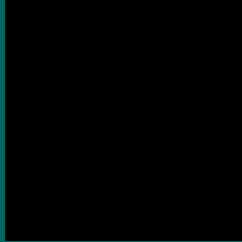
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 26.473, 188.115

Background



This preview shows how black text looks on a background with the CIELCh color 38, 26.473, 188.115.



This preview shows how white text looks on a background with the CIELCh color 38, 26.473, 188.115.

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, 26.553, 188.130

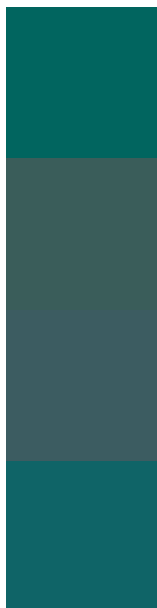
Protanopia
38, 1.043, 55.193

Deuteranopia
38, 7.398, 314.108



Tritanopia
38, 22.148, 209.881

Trichromacy



Original Color
38, 26.553, 188.130

Protanomaly
37, 13.567, 189.725

Deuteranomaly
37, 12.180, 212.784

Tritanomaly
38, 23.586, 201.159

Monochromacy



Original Color
38, 26.553, 188.130

Achromatopsia
30, 0.005, 296.813

Achromatomaly
32, 13.803, 192.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 26.473, 188.115 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(1, 101, 95)` looks like.

```
.text, #text, p{  
    color:rgb(1, 101, 95)  
}
```

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(1, 101, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 101, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 26.473, 188.115 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(1, 101, 95) }
```

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

```
.border{ border-color:rgb(1, 101, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 101, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 101, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 101, 95);  
box-shadow:4px 4px 4px 4px rgb(1, 101, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 26.473, 188.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 101, 95) }
```

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

```
.background{ background-color: rgb(1, 101,  
95) }
```

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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