

Converting Colors

CIELCh(38, 27.898, 183.062)

Have a look what the booklet for
CIELCh(38, 27.898, 183.062)
contains.

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Color

CIELCh(38, 27.695, 183.104)

Conversions

Conversions Part 1

Format	Color
Hex	00655B
RGB	0, 101, 91
RGB Percent	0%, 40%, 36%
CMY	0.9990, 0.6035, 0.6427
CMYK	1.00, 0.00, 0.10, 0.60
HSL	174°, 99%, 20%
HSV	174°, 100%, 40%
XYZ	6.5607, 10.0881, 11.5235
YIQ	69.6610, -56.9860, -24.5220

Conversions

Conversions Part 2

Format	Color
RYB	0, 53, 101
Decimal	25947
CIELab	38.00, -27.65, -1.50
CIELCh	38, 27.695, 183.104
Yxy	10.0881, 0.2329, 0.3581
Android (android.graphics.Color)	4278216027 (0xFF00655B)
YUV	69.6610, 10.5201, -61.0927
Hunter-Lab	31.7617, -18.7118, 0.7220

Details

The CIELCh color **38, 27.695, 183.104** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 48.028, 31.798**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 28.029, 182.665**, and **19, 18.715, 178.751** is the 20% darker color. If you saturate the color by 10%, you get **38, 27.723, 183.080**, and if you desaturate by 10%, it is **38, 26.597, 184.066**.

Distribution



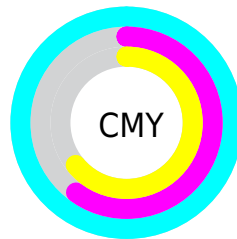
- Red (0%)
- Green (40%)
- Blue (36%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (60%)




- Cyan (100%)
- Magenta (60%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 27.695, 183.104 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, 27.695, 183.104 by changing the saturation by 10% instead.


 38, 27.695,
183.104


 38, 27.695,
183.104

 100, 27.695,
183.104


 28, 27.695,
183.104

 58, 27.695,
183.104

 18, 27.695,
183.104


 68, 27.695,
183.104

 8, 27.695, 183.104

 78, 27.695,
183.104

 0, 27.695, 183.104

 88, 27.695,
183.104

 98, 27.695,
183.104

■ 38, 27.695,
183.104

■ 38, 27.695,
183.104

■ 38, 27.723,
183.080

■ 38, 26.597,
184.066

■ 38, 25.267,
185.024

■ 39, 23.462,
185.914

■ 39, 21.181,
186.751

■ 39, 18.451,
187.551

■ 40, 15.315,
188.323

■ 40, 11.830,
189.079

■ 41, 8.058, 189.828

Harmonies

Complementary

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



38, 27.695, 183.104



19, 48.028, 31.798

Rectangle

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



38, 27.695, 183.104



38, 27.695, 233.104



38, 27.695, 3.104



38, 27.695, 53.104

Sweetspot

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



38, 27.695, 183.103



52, 14.858, 188.993



37, 59.979, 135.198



26, 9.966, 188.772



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, 27.695, 183.103



50, 33.742, 182.719



25, 28.532, 269.091



21, 2.358, 190.660



43, 30.366, 182.902



86, 53.002, 182.159

Inverse Universe

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



19, 48.028, 31.798



27, 60.093, 34.496



25, 43.341, 54.388



19, 2.461, 11.823



22, 53.451, 33.300



51, 96.287, 36.632

Previews

White Background



This preview shows how the CIELCh color 38, 27.695, 183.104 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, 27.695, 183.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

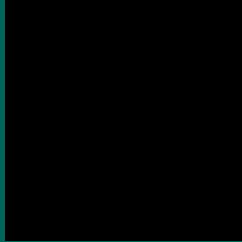
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 27.695, 183.104

Background



This preview shows how black text looks on a background with the CIELCh color 38, 27.695, 183.104.



This preview shows how white text looks on a background with the CIELCh color 38, 27.695, 183.104.

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, 27.695, 183.104

Protanopia
38, 3.320, 86.593

Deuteranopia
38, 5.756, 331.836



Tritanopia
38, 21.743, 210.170

Trichromacy



Original Color
38, 27.695, 183.104

Protanomaly
37, 13.856, 181.972

Deuteranomaly
37, 11.811, 200.924

Tritanomaly
38, 23.634, 198.089

Monochromacy



Original Color
38, 27.695, 183.104

Achromatopsia
30, 0.005, 296.813

Achromatomaly
32, 13.973, 189.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 27.695, 183.104 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(0, 101, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 91)  
}
```

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(0, 101, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 27.695, 183.104 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(0, 101, 91) }
```

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

```
.border{ border-color:rgb(0, 101, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 101, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 27.695, 183.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 91) }
```

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

```
.background{ background-color: rgb(0, 101,  
91) }
```

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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