

Converting Colors

CIELCh(38, 30.084, 184.052)

Have a look what the booklet for
CIELCh(38, 30.084, 184.052)
contains.

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Color

CIELCh(38, 27.863, 183.209)

Conversions

Conversions Part 1

Format	Color
Hex	00655B
RGB	0, 101, 91
RGB Percent	0%, 40%, 36%
CMY	1.0000, 0.6032, 0.6423
CMYK	1.00, 0.00, 0.10, 0.60
HSL	174°, 100%, 20%
HSV	174°, 100%, 40%
XYZ	6.5449, 10.0881, 11.5455
YIQ	69.6610, -56.9860, -24.5220

Conversions

Conversions Part 2

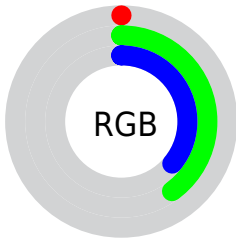
Format	Color
RYB	0, 53, 101
Decimal	25947
CIELab	38.00, -27.82, -1.56
CIELCh	38, 27.863, 183.209
Yxy	10.0881, 0.2323, 0.3580
Android (android.graphics.Color)	4278216027 (0xFF00655B)
YUV	69.6610, 10.5201, -61.0927
Hunter-Lab	31.7617, -18.8007, 0.6810

Details

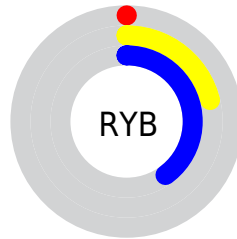
The CIELCh color **38, 27.863, 183.209** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 48.150, 31.859**, and the grayscale version is **30, 0.005, 296.813**.

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, 27.716, 183.157**, and if you desaturate by 10%, it is **38, 26.620, 184.114**.

Distribution



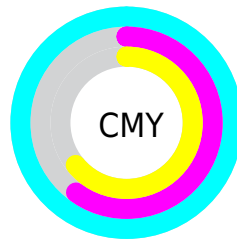
- Red (0%)
- Green (40%)
- Blue (36%)



- 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, 27.863, 183.209 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, 27.863, 183.209 by changing the saturation by 10% instead.

 38, 27.863,
183.209


 38, 27.863,
183.209

 100, 27.863,
183.209


 28, 27.863,
183.209

 58, 27.863,
183.209


 18, 27.863,
183.209


 68, 27.863,
183.209

 8, 27.863, 183.209

 78, 27.863,
183.209

 0, 27.863, 183.209

 88, 27.863,
183.209

 98, 27.863,
183.209

■ 38, 27.863,
183.209

■ 38, 27.863,
183.209

■ 38, 27.716,
183.157

■ 38, 26.620,
184.114

■ 38, 25.305,
185.070

■ 39, 23.513,
185.958

■ 39, 21.245,
186.793

■ 39, 18.526,
187.591

■ 40, 15.401,
188.362

■ 41, 11.924,
189.116

■ 41, 8.158, 189.863

Harmonies

Complementary

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



38, 27.863, 183.209



19, 48.150, 31.859

Rectangle

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



38, 27.863, 183.209



38, 27.863, 233.209



38, 27.863, 3.209



38, 27.863, 53.209

Sweetspot

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



38, 27.716, 183.157



52, 14.854, 189.049



37, 60.081, 135.176



26, 9.963, 188.828



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, 27.716, 183.157



50, 33.719, 182.799



24, 28.608, 269.189



21, 2.357, 190.713



43, 30.345, 182.981



86, 52.963, 182.242

Inverse Universe

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



19, 48.150, 31.859



27, 60.115, 34.529



25, 43.466, 54.360



19, 2.461, 11.874



22, 53.467, 33.329



51, 96.322, 36.662

Previews

White Background



This preview shows how the CIELCh color 38, 27.863, 183.209 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, 27.863, 183.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

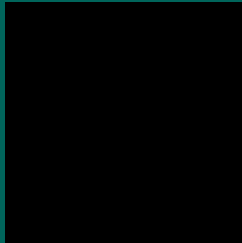
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 27.863, 183.209

Background



This preview shows how black text looks on a background with the CIELCh color 38, 27.863, 183.209.



This preview shows how white text looks on a background with the CIELCh color 38, 27.863, 183.209.

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, 27.863, 183.209 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, 27.863, 183.209 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, 27.863, 183.209 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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