

Converting Colors

CIELCh(38, 18.571, 174.813)

Have a look what the booklet for
CIELCh(38, 18.571, 174.813)
contains.

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Color

CIELCh(38, 18.841, 173.899)

Conversions

Conversions Part 1

Format	Color
Hex	356256
RGB	53, 98, 86
RGB Percent	21%, 38%, 34%
CMY	0.7934, 0.6170, 0.6640
CMYK	0.46, 0.00, 0.12, 0.62
HSL	164°, 30%, 29%
HSV	164°, 46%, 38%
XYZ	7.4545, 10.0881, 10.2906
YIQ	83.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

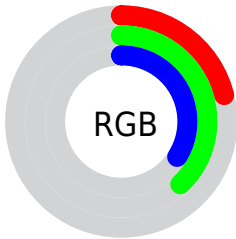
Format	Color
RYB	53, 79, 98
Decimal	3498582
CIELab	38.00, -18.73, 2.00
CIElCh	38, 18.841, 173.899
Yxy	10.0881, 0.2678, 0.3624
Android (android.graphics.Color)	4281688662 (0xFF356256)
YUV	83.1770, 1.3917, -26.4652
Hunter-Lab	31.7617, -13.6889, 3.0236




Details

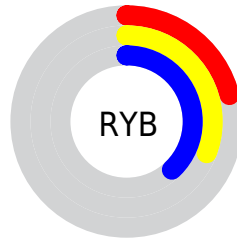
The CIELCh color **38, 18.841, 173.899** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 21.816, 3.777**, and the grayscale version is **35, 0.005, 296.813**.




A 20% lighter version of the original color is **58, 18.621, 174.223**, and **18, 18.702, 174.092** is the 20% darker color. If you saturate the color by 10%, you get **38, 22.273, 172.703**, and if you desaturate by 10%, it is **39, 15.100, 174.994**.

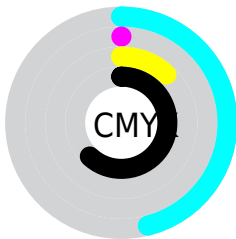
Distribution







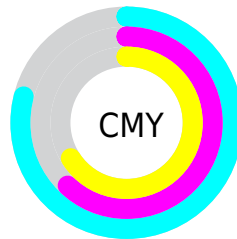
-  Red (21%)
-  Green (38%)
-  Blue (34%)






-  Red (21%)
-  Yellow (31%)
-  Blue (38%)



-  Cyan (46%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (62%)




-  Cyan (79%)
-  Magenta (62%)
-  Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 18.841, 173.899 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, 18.841, 173.899 by changing the saturation by 10% instead.


 38, 18.841,
173.899


 38, 18.841,
173.899

 100, 18.841,
173.899


 28, 18.841,
173.899

 58, 18.841,
173.899


 18, 18.841,
173.899


 68, 18.841,
173.899

 8, 18.841, 173.899

 78, 18.841,
173.899

 0, 18.841, 173.899

 88, 18.841,
173.899

 98, 18.841,
173.899

■ 38, 18.841,
173.899

■ 38, 18.841,
173.899

■ 38, 22.273,
172.703

■ 39, 15.100,
174.994

■ 37, 25.337,
171.391

■ 39, 11.111,
176.011

■ 37, 27.990,
169.941

■ 40, 6.939, 176.968

■ 37, 30.210,
168.334

■ 41, 2.643, 177.920

■ 42, 1.726, 358.478

■ 36, 32.096,
166.636

■ 43, 6.125, 359.395

■ 36, 32.839,
166.014

■ 44, 10.517, 0.175

■ 45, 14.877, 0.912

■ 46, 19.183, 1.617

Harmonies

Complementary

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



38, 18.841, 173.899



28, 21.816, 3.777

Rectangle

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



38, 18.841, 173.899



38, 18.841, 223.899



38, 18.841, 353.899



38, 18.841, 43.899

Sweetspot

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



38, 18.841, 173.897



52, 7.541, 177.121



38, 30.672, 134.545



26, 5.152, 176.980



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



38, 18.841, 173.897



49, 27.151, 172.628



35, 13.687, 226.848



20, 2.422, 177.643



42, 36.407, 165.645



85, 64.960, 164.254

Inverse Universe

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



28, 21.816, 3.777



34, 32.519, 5.805



30, 18.576, 42.664



18, 2.488, 359.034



22, 47.900, 21.247



51, 85.728, 25.100

Previews

White Background



This preview shows how the CIELCh color 38, 18.841, 173.899 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, 18.841, 173.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

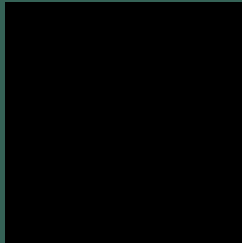
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 18.841, 173.899

Background



This preview shows how black text looks on a background with the CIELCh color 38, 18.841, 173.899.



This preview shows how white text looks on a background with the CIELCh color 38, 18.841, 173.899.

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, 18.841, 173.899

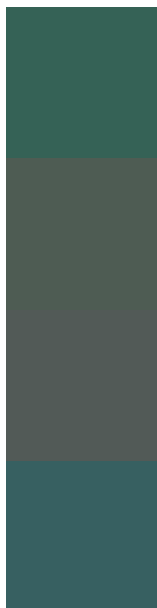
Protanopia
38, 5.201, 89.611

Deuteranopia
38, 5.325, 6.829



Tritanopia
38, 14.215, 218.293

Trichromacy



Original Color
38, 18.841, 173.899

Protanomaly
38, 8.156, 155.646

Deuteranomaly
37, 3.856, 170.305

Tritanomaly
38, 14.938, 199.934

Monochromacy



Original Color
38, 18.841, 173.899

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 7.120, 177.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 18.841, 173.899 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(53, 98, 86)` looks like.

```
.text, #text, p{  
    color:rgb(53, 98, 86)  
}
```

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(53, 98, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 98, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 18.841, 173.899 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(53, 98, 86) }
```

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

```
.border{ border-color:rgb(53, 98, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 98, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 98, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 98, 86);  
box-shadow:4px 4px 4px 4px rgb(53, 98, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 18.841, 173.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 98, 86) }
```

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

```
.background{ background-color: rgb(53, 98,  
86) }
```

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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