

Converting Colors

CIELCh(38, 11.981, 182.083)

Have a look what the booklet for
CIELCh(38, 11.981, 182.083)
contains.

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Color

CIELCh(38, 11.924, 182.848)

Conversions

Conversions Part 1

Format	Color
Hex	425F5A
RGB	66, 95, 90
RGB Percent	26%, 37%, 35%
CMY	0.7411, 0.6273, 0.6469
CMYK	0.31, 0.00, 0.05, 0.63
HSL	170°, 18%, 32%
HSV	170°, 31%, 37%
XYZ	8.1906, 10.0881, 11.1952
YIQ	85.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

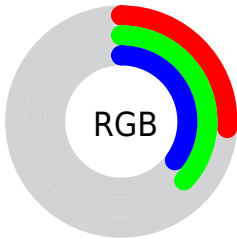
Format	Color
RYB	66, 82, 95
Decimal	4349786
CIELab	38.00, -11.91, -0.59
CIELCh	38, 11.924, 182.848
Yxy	10.0881, 0.2779, 0.3423
Android (android.graphics.Color)	4282539866 (0xFF425F5A)
YUV	85.7590, 2.0908, -17.3286
Hunter-Lab	31.7617, -9.5519, 1.3349

Details

The CIELCh color **38, 11.924, 182.848** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 13.548, 8.441**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 12.145, 181.904**, and **18, 11.855, 183.487** is the 20% darker color. If you saturate the color by 10%, you get **37, 15.419, 181.922**, and if you desaturate by 10%, it is **39, 8.187, 183.728**.

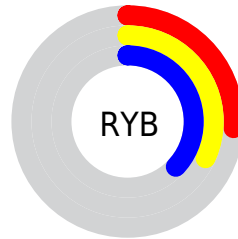
Distribution



Red (26%)

Green (37%)

Blue (35%)



Red (26%)

Yellow (32%)

Blue (37%)

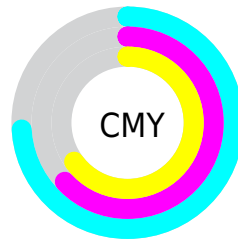


Cyan (31%)

Magenta (0%)

Yellow (5%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 11.924, 182.848 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, 11.924, 182.848 by changing the saturation by 10% instead.


 38, 11.924,
182.848


 38, 11.924,
182.848

 100, 11.924,
182.848


 28, 11.924,
182.848

 58, 11.924,
182.848


 18, 11.924,
182.848


 68, 11.924,
182.848

 8, 11.924, 182.848

 78, 11.924,
182.848

 0, 11.924, 182.848

 88, 11.924,
182.848

 98, 11.924,
182.848

■ 38, 11.924,
182.848

■ 38, 11.924,
182.848

■ 37, 15.419,
181.922

■ 39, 8.187, 183.728

■ 37, 18.610,
180.944

■ 39, 4.264, 184.597

■ 36, 21.443,
179.898

■ 40, 0.210, 186.767

■ 36, 23.872,
178.765

■ 41, 3.927, 6.032

■ 36, 25.867,
177.528

■ 42, 8.108, 6.826

■ 36, 27.427,
176.169

■ 43, 12.301, 7.573

■ 35, 28.768,
174.909

■ 44, 16.480, 8.293

■ 46, 20.625, 8.992

■ 47, 24.723, 9.671

Harmonies

Complementary

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



38, 11.924, 182.848



31, 13.548, 8.441

Rectangle

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



38, 11.924, 182.848



38, 11.924, 232.848



38, 11.924, 2.848



38, 11.924, 52.848

Sweetspot

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



38, 11.925, 182.845



50, 4.501, 184.709



38, 20.529, 137.797



25, 3.094, 184.619



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



38, 11.925, 182.845



48, 17.462, 182.150



35, 9.346, 236.602



20, 2.316, 184.742



42, 32.468, 174.550



85, 57.499, 173.422

Inverse Universe

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



31, 13.548, 8.441



38, 20.548, 9.506



34, 11.008, 51.699



18, 2.399, 6.046



22, 50.445, 28.800



50, 91.130, 32.368

Previews

White Background



This preview shows how the CIELCh color 38, 11.924, 182.848 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, 11.924, 182.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

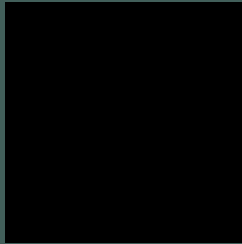
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

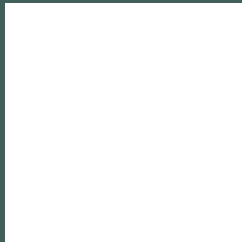
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 11.924, 182.848

Background



This preview shows how black text looks on a background with the CIELCh color 38, 11.924, 182.848.

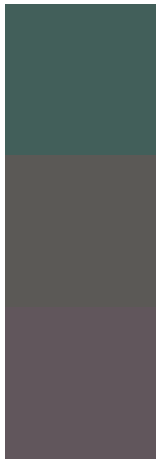


This preview shows how white text looks on a background with the CIELCh color 38, 11.924, 182.848.

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, 11.924, 182.848

Protanopia

38, 2.021, 84.702

Deuteranopia

38, 5.968, 342.091



Tritanopia
38, 10.458, 226.650

Trichromacy



Original Color
38, 11.924, 182.848

Protanomaly
38, 4.538, 166.016

Deuteranomaly
38, 1.741, 244.578

Tritanomaly
38, 10.435, 208.405

Monochromacy



Original Color
38, 11.924, 182.848

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 4.364, 182.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 11.924, 182.848 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(66, 95, 90)` looks like.

```
.text, #text, p{  
    color:rgb(66, 95, 90)  
}
```

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(66, 95, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 95, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 11.924, 182.848 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(66, 95, 90) }
```

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

```
.border{ border-color:rgb(66, 95, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 95, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 95, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 95, 90);  
box-shadow:4px 4px 4px 4px rgb(66, 95, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 11.924, 182.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 95, 90) }
```

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

```
.background{ background-color: rgb(66, 95,  
90) }
```

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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