

Converting Colors

CIELCh(38, 17.995, 123.779)

Have a look what the booklet for
CIELCh(38, 17.995, 123.779)
contains.

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Color

CIELCh(38, 17.707, 123.819)

Conversions

Conversions Part 1

Format	Color
Hex	525D41
RGB	82, 93, 65
RGB Percent	32%, 36%, 25%
CMY	0.6770, 0.6339, 0.7437
CMYK	0.12, 0.00, 0.30, 0.63
HSL	84°, 18%, 31%
HSV	84°, 30%, 37%
XYZ	8.4213, 10.0881, 6.5568
YIQ	86.5190, 2.4320, -11.0400

Conversions

Conversions Part 2

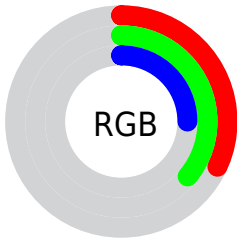
Format	Color
RYB	65, 93, 76
Decimal	5397825
CIELab	38.00, -9.86, 14.71
CIELCh	38, 17.707, 123.819
Yxy	10.0881, 0.3360, 0.4025
Android (android.graphics.Color)	4283587905 (0xFF525D41)
YUV	86.5190, -10.6089, -3.9632
Hunter-Lab	31.7617, -8.2555, 9.9935

Details

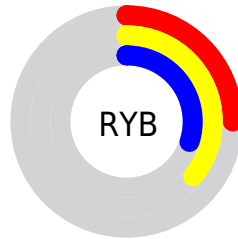
The CIELCh color $38, 17.707, 123.819$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $30, 18.579, 306.814$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $58, 17.520, 123.219$, and $18, 17.518, 123.307$ is the 20% darker color. If you saturate the color by 10%, you get $38, 23.481, 123.345$, and if you desaturate by 10%, it is $39, 11.838, 124.307$.

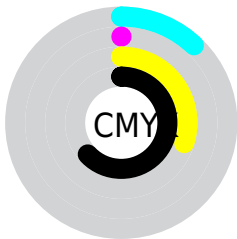
Distribution



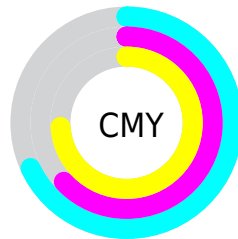
- Red (32%)
- Green (36%)
- Blue (25%)



- Red (25%)
- Yellow (36%)
- Blue (30%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (63%)





- Cyan (68%)
- Magenta (63%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 17.707, 123.819 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, 17.707, 123.819 by changing the saturation by 10% instead.


 38, 17.707,
123.819


 38, 17.707,
123.819

 100, 17.707,
123.819


 28, 17.707,
123.819

 58, 17.707,
123.819


 18, 17.707,
123.819


 68, 17.707,
123.819

 8, 17.707, 123.819

 78, 17.707,
123.819

 0, 17.707, 123.819

 88, 17.707,
123.819

 98, 17.707,
123.819

■ 38, 17.707,
123.819

■ 38, 17.707,
123.819

■ 38, 23.481,
123.345

■ 39, 11.838,
124.307

■ 37, 29.082,
122.907

■ 39, 5.923, 124.788

■ 40, 0.001, 171.091

■ 37, 34.402,
122.548

■ 40, 5.901, 305.663

■ 36, 39.290,
122.329

■ 41, 11.763,
306.072

■ 36, 43.546,
122.334

■ 42, 17.570,
306.448

■ 36, 46.948,
122.658

■ 42, 23.312,
306.794

■ 36, 50.087,
122.973

■ 43, 28.981,
307.111

■ 44, 34.572,
307.400

Harmonies

Complementary

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



38, 17.707, 123.819



30, 18.579, 306.814

Rectangle

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



38, 17.707, 123.819



38, 17.707, 173.819



38, 17.707, 303.819



38, 17.707, 353.819

Sweetspot

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



38, 17.708, 123.821



51, 6.654, 124.823



34, 10.605, 59.217



25, 4.581, 124.775



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, 17.708, 123.821



49, 26.453, 123.479



37, 20.322, 139.632



19, 3.268, 124.846



42, 56.210, 123.286



85, 99.876, 124.305

Inverse Universe

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



30, 18.579, 306.814



37, 28.119, 307.255



31, 20.461, 322.560



17, 3.317, 305.644



13, 68.146, 310.248



35, 121.034, 309.573

Previews

White Background



This preview shows how the CIELCh color 38, 17.707, 123.819 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 38, 17.707, 123.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

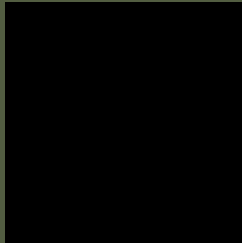
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

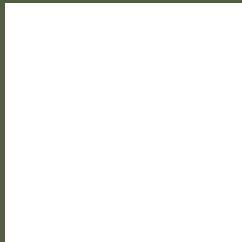
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 17.707, 123.819

Background



This preview shows how black text looks on a background with the CIELCh color 38, 17.707, 123.819.



This preview shows how white text looks on a background with the CIELCh color 38, 17.707, 123.819.

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, 17.707, 123.819

Protanopia

38, 15.597, 95.566

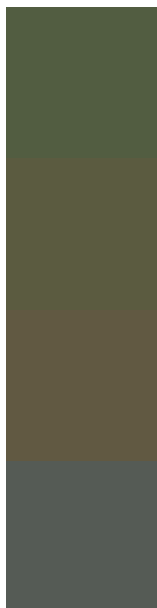
Deuteranopia

38, 14.795, 71.183



Tritanopia
38, 4.373, 280.111

Trichromacy



Original Color
38, 17.707, 123.819

Protanomaly
38, 16.383, 107.529

Deuteranomaly
38, 14.534, 93.035

Tritanomaly
38, 4.505, 144.126

Monochromacy



Original Color
38, 17.707, 123.819

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 6.399, 125.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 17.707, 123.819 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(82, 93, 65)` looks like.

```
.text, #text, p{  
    color:rgb(82, 93, 65)  
}
```

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(82, 93, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 93, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 17.707, 123.819 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(82, 93, 65) }
```

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

```
.border{ border-color:rgb(82, 93, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 93, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 93, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 93, 65);  
box-shadow:4px 4px 4px 4px rgb(82, 93, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 17.707, 123.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 93, 65) }
```

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

```
.background{ background-color: rgb(82, 93,  
65) }
```

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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