

Converting Colors

CIELCh(38, 24.754, 145.241)

Have a look what the booklet for
CIELCh(38, 24.754, 145.241)
contains.

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Color

CIELCh(38, 24.840, 145.031)

Conversions

Conversions Part 1

Format	Color
Hex	3E6242
RGB	62, 98, 66
RGB Percent	24%, 38%, 26%
CMY	0.7579, 0.6168, 0.7422
CMYK	0.37, 0.00, 0.33, 0.62
HSL	127°, 23%, 31%
HSV	127°, 37%, 38%
XYZ	7.2864, 10.0881, 6.6766
YIQ	83.5880, -11.1840, -17.5840

Conversions

Conversions Part 2

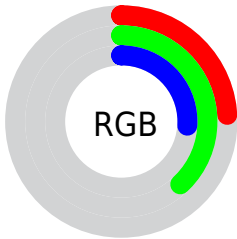
Format	Color
RYB	62, 94, 98
Decimal	4088386
CIELab	38.00, -20.36, 14.24
CIELCh	38, 24.840, 145.031
Yxy	10.0881, 0.3030, 0.4194
Android (android.graphics.Color)	4282278466 (0xFF3E6242)
YUV	83.5880, -8.6709, -18.9327
Hunter-Lab	31.7617, -14.6337, 9.7699

Details

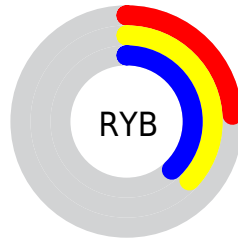
The CIELCh color **38, 24.840, 145.031** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31, 24.853, 329.641**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 24.944, 144.941**, and **18, 24.535, 145.075** is the 20% darker color. If you saturate the color by 10%, you get **37, 31.343, 144.062**, and if you desaturate by 10%, it is **39, 18.142, 145.879**.

Distribution



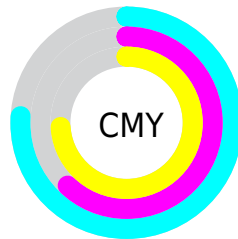
- Red (24%)
- Green (38%)
- Blue (26%)



- Red (24%)
- Yellow (37%)
- Blue (38%)



- Cyan (37%)
- Magenta (0%)
- Yellow (33%)
- Black (62%)





- Cyan (76%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 24.840, 145.031 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, 24.840, 145.031 by changing the saturation by 10% instead.


 38, 24.840,
145.031


 38, 24.840,
145.031

 100, 24.840,
145.031


 28, 24.840,
145.031

 58, 24.840,
145.031


 18, 24.840,
145.031


 68, 24.840,
145.031

 8, 24.840, 145.031

 78, 24.840,
145.031

 0, 24.840, 145.031

 88, 24.840,
145.031

 98, 24.840,
145.031

■ 38, 24.840,
145.031

■ 38, 24.840,
145.031

■ 37, 31.343,
144.062

■ 39, 18.142,
145.879

■ 37, 37.515,
142.968

■ 40, 11.360,
146.618

■ 36, 43.205,
141.763

■ 41, 4.584, 147.274

■ 36, 48.247,
140.479

■ 42, 2.117, 327.704

■ 43, 8.694, 328.238

■ 36, 52.470,
139.180

■ 44, 15.112,
328.657

■ 35, 55.815,
138.084

■ 46, 21.351,
329.019

■ 35, 56.725,
137.860

■ 47, 27.399,
329.334

■ 48, 33.252,
329.611

Harmonies

Complementary

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



38, 24.840, 145.031



31, 24.853, 329.641

Rectangle

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



38, 24.840, 145.031



38, 24.840, 195.031



38, 24.840, 325.031



38, 24.840, 15.031

Sweetspot

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



38, 24.841, 145.031



52, 9.216, 146.986



40, 21.530, 111.312



26, 6.141, 146.930



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, 24.841, 145.031



49, 36.705, 144.215



38, 17.028, 165.987



19, 3.743, 147.144



41, 62.889, 137.623



83, 111.949, 136.871

Inverse Universe

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



31, 24.853, 329.641



39, 36.638, 330.111



31, 18.223, 353.087



18, 3.752, 328.071



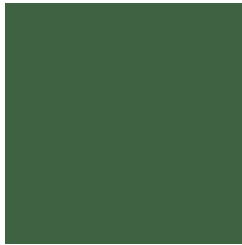
25, 58.029, 332.984



55, 100.913, 333.321

Previews

White Background



This preview shows how the CIELCh color 38, 24.840, 145.031 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, 24.840, 145.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

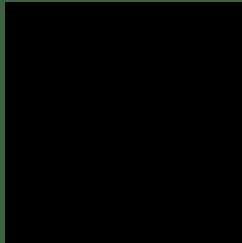
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 24.840, 145.031

Background



This preview shows how black text looks on a background with the CIELCh color 38, 24.840, 145.031.



This preview shows how white text looks on a background with the CIELCh color 38, 24.840, 145.031.

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, 24.840, 145.031

Protanopia

38, 16.777, 96.164

Deuteranopia

38, 14.293, 69.890



Tritanopia
38, 10.158, 227.592

Trichromacy



Original Color
38, 24.840, 145.031

Protanomaly
38, 17.962, 119.133

Deuteranomaly
38, 14.024, 109.771

Tritanomaly
38, 12.421, 177.438

Monochromacy



Original Color
38, 24.840, 145.031

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 8.863, 148.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 24.840, 145.031 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(62, 98, 66)` looks like.

```
.text, #text, p{  
    color:rgb(62, 98, 66)  
}
```

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(62, 98, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 98, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 24.840, 145.031 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(62, 98, 66) }
```

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

```
.border{ border-color:rgb(62, 98, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 98, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 98, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 98, 66);  
box-shadow:4px 4px 4px 4px rgb(62, 98, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 24.840, 145.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 98, 66) }
```

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

```
.background{ background-color: rgb(62, 98,  
66) }
```

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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