

Converting Colors

CIELCh(38, 24.778, 147.734)

Have a look what the booklet for
CIELCh(38, 24.778, 147.734)
contains.

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Color

CIELCh(38, 24.848, 147.115)

Conversions

Conversions Part 1

Format	Color
Hex	3C6243
RGB	60, 98, 67
RGB Percent	24%, 38%, 26%
CMY	0.7649, 0.6159, 0.7375
CMYK	0.39, 0.00, 0.32, 0.62
HSL	131°, 24%, 31%
HSV	131°, 39%, 38%
XYZ	7.2339, 10.0881, 6.8676
YIQ	83.1040, -12.6970, -17.6970

Conversions

Conversions Part 2

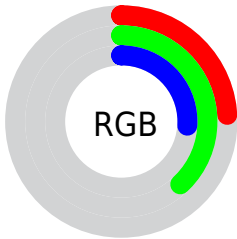
Format	Color
RYB	60, 92, 98
Decimal	3957315
CIELab	38.00, -20.87, 13.49
CIELCh	38, 24.848, 147.115
Yxy	10.0881, 0.2991, 0.4170
Android (android.graphics.Color)	4282147395 (0xFF3C6243)
YUV	83.1040, -7.9393, -20.2622
Hunter-Lab	31.7617, -14.9285, 9.4133

Details

The CIELCh color **38, 24.848, 147.115** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31, 24.919, 332.292**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 24.964, 146.970**, and **18, 24.628, 147.408** is the 20% darker color. If you saturate the color by 10%, you get **37, 30.989, 146.086**, and if you desaturate by 10%, it is **39, 18.508, 148.014**.

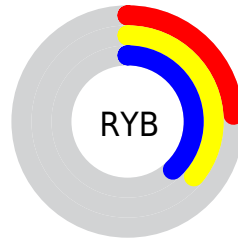
Distribution



Red (24%)

Green (38%)

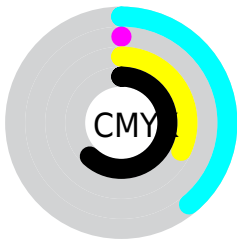
Blue (26%)



Red (24%)

Yellow (36%)

Blue (38%)

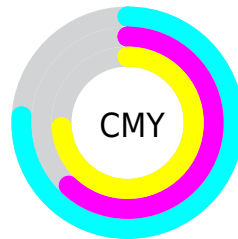


Cyan (39%)

Magenta (0%)

Yellow (32%)

Black (62%)



Cyan (76%)


Magenta (62%)


Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 24.848, 147.115 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, 24.848, 147.115 by changing the saturation by 10% instead.


 38, 24.848,
147.115


 38, 24.848,
147.115

 100, 24.848,
147.115


 28, 24.848,
147.115

 58, 24.848,
147.115


 18, 24.848,
147.115


 68, 24.848,
147.115

 8, 24.848, 147.115

 78, 24.848,
147.115

 0, 24.848, 147.115

 88, 24.848,
147.115

 98, 24.848,
147.115

■ 38, 24.848,
147.115

■ 38, 24.848,
147.115

■ 37, 30.989,
146.086

■ 39, 18.508,
148.014

■ 37, 36.812,
144.920

■ 40, 12.071,
148.799

■ 36, 42.187,
143.617

■ 41, 5.623, 149.494

■ 36, 46.984,
142.198

■ 42, 0.770, 329.815

■ 43, 7.056, 330.540

■ 36, 51.081,
140.706

■ 44, 13.202,
331.003

■ 36, 54.530,
139.416

■ 45, 19.183,
331.406

■ 36, 54.912,
139.296

■ 47, 24.988,
331.761

■ 48, 30.610,
332.077

Harmonies

Complementary

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



38, 24.848, 147.115



31, 24.919, 332.292

Rectangle

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



38, 24.848, 147.115



38, 24.848, 197.115



38, 24.848, 327.115



38, 24.848, 17.115

Sweetspot

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



38, 24.849, 147.115



52, 9.548, 149.254



40, 22.859, 114.808



26, 6.281, 149.202



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, 24.849, 147.115



48, 37.094, 146.129



38, 16.795, 171.137



19, 3.554, 149.489



41, 60.857, 139.003



83, 108.988, 137.986

Inverse Universe

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



31, 24.919, 332.292



38, 37.084, 332.904



30, 18.586, 359.010



18, 3.564, 330.458



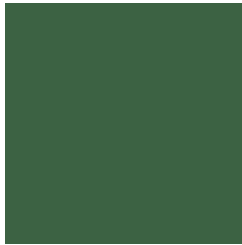
24, 54.991, 336.743



54, 95.334, 337.392

Previews

White Background



This preview shows how the CIELCh color 38, 24.848, 147.115 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, 24.848, 147.115 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, 24.848, 147.115

Background



This preview shows how black text looks on a background with the CIELCh color 38, 24.848, 147.115.



This preview shows how white text looks on a background with the CIELCh color 38, 24.848, 147.115.

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, 24.848, 147.115

Protanopia

38, 16.188, 95.880

Deuteranopia

38, 12.994, 68.504



Tritanopia
38, 10.859, 221.771

Trichromacy



Original Color
38, 24.848, 147.115

Protanomaly
38, 17.489, 121.023

Deuteranomaly
38, 12.847, 112.153

Tritanomaly
38, 12.836, 180.947

Monochromacy



Original Color
38, 24.848, 147.115

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, 24.848, 147.115 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(60, 98, 67)` looks like.

```
.text, #text, p{  
    color:rgb(60, 98, 67)  
}
```

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(60, 98, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 98, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 24.848, 147.115 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(60, 98, 67) }
```

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

```
.border{ border-color:rgb(60, 98, 67) }
```

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

Here you see how a box with a 4 pixel rgb(60, 98, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 98, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 98, 67);  
box-shadow:4px 4px 4px 4px rgb(60, 98, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 24.848, 147.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 98, 67) }
```

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

```
.background{ background-color: rgb(60, 98,  
67) }
```

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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