

Converting Colors

CIELCh(73, 31.037, 118.530)

Have a look what the booklet for
CIELCh(73, 31.037, 118.530)
contains.

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Color

CIELCh(73, 31.009, 118.540)

Conversions

Conversions Part 1

Format	Color
Hex	ABBA81
RGB	171, 186, 129
RGB Percent	67%, 73%, 51%
CMY	0.3308, 0.2720, 0.4954
CMYK	0.08, 0.00, 0.31, 0.27
HSL	76°, 29%, 62%
HSV	76°, 31%, 73%
XYZ	38.1435, 45.1644, 27.3605
YIQ	175.0170, 9.3570, -20.9070

Conversions

Conversions Part 2

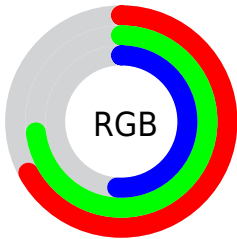
Format	Color
RYB	129, 186, 144
Decimal	11254401
CIELab	73.00, -14.82, 27.24
CIElCh	73, 31.009, 118.540
Yxy	45.1644, 0.3447, 0.4081
Android (android.graphics.Color)	4289444481 (0xFFABBA81)
YUV	175.0170, -22.6864, -3.5229
Hunter-Lab	67.2044, -16.2959, 22.9048

Details

The CIELCh color **73, 31.009, 118.540** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 33.060, 302.646**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 31.100, 118.340**, and **53, 31.100, 118.623** is the 20% darker color. If you saturate the color by 10%, you get **72, 40.777, 117.951**, and if you desaturate by 10%, it is **74, 21.006, 119.159**.

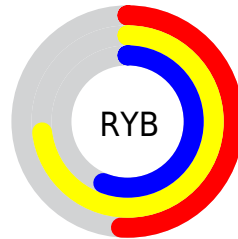
Distribution



Red (67%)

Green (73%)

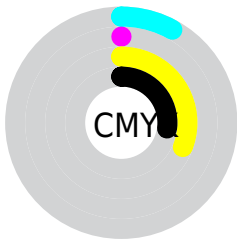
Blue (51%)



Red (51%)

Yellow (73%)

Blue (56%)

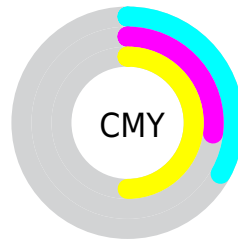


Cyan (8%)

Magenta (0%)

Yellow (31%)

Black (27%)



Cyan (33%)


Magenta (27%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 31.009, 118.540 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 73, 31.009, 118.540 by changing the saturation by 10% instead.


 73, 31.009,
118.540


 73, 31.009,
118.540


 100, 31.009,
118.540


 63, 31.009,
118.540


 93, 31.009,
118.540

 53, 31.009,
118.540

 43, 31.009,
118.540

 33, 31.009,
118.540

 23, 31.009,
118.540

 13, 31.009,
118.540

 3, 31.009, 118.540

■ 0, 31.009, 118.540

■ 73, 31.009,
118.540

■ 73, 31.009,
118.540

■ 72, 40.777,
117.951

■ 74, 21.006,
119.159

■ 72, 50.136,
117.421

■ 74, 10.876,
119.776

■ 71, 58.837,
117.007

■ 75, 0.697, 120.421

■ 71, 66.527,
116.785

■ 76, 9.478, 300.946

■ 70, 72.762,
116.854

■ 77, 19.611,
301.492

■ 70, 77.122,
117.314

■ 78, 29.674,
302.004

■ 79, 37.755,

■ 70, 79.662,
118.060

302.860

■ 80, 38.036,
305.258

■ 80, 38.379,
307.645

Harmonies

Complementary

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



73, 31.009, 118.540



57, 33.060, 302.646

Rectangle

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



73, 31.009, 118.540



73, 31.009, 168.540



73, 31.009, 298.540



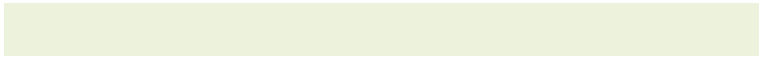
73, 31.009, 348.540

Sweetspot

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



73, 31.011, 118.542



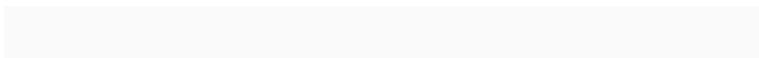
95, 11.363, 119.871



63, 19.739, 44.373



51, 7.960, 119.781



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 31.011, 118.542



92, 46.161, 118.128



71, 34.994, 135.771



39, 5.710, 119.860



59, 69.830, 117.880



9, 15.885, 124.116

Inverse Universe

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



57, 33.060, 302.646



68, 50.062, 303.274



60, 35.633, 318.608



36, 5.821, 300.997



19, 90.171, 307.992



1, 15.548, 297.871

Previews

White Background



This preview shows how the CIELCh color 73, 31.009, 118.540 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 31.009, 118.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

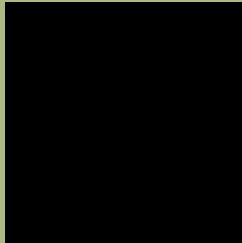
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 31.009, 118.540

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.009, 118.540.

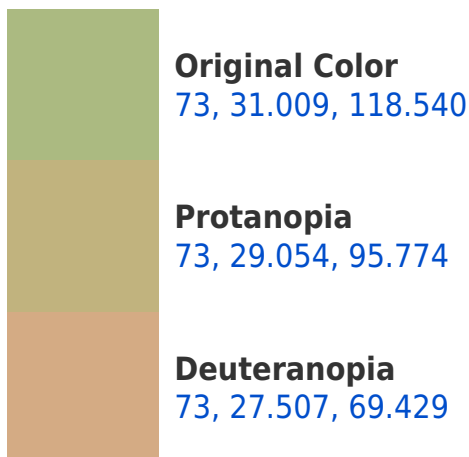


This preview shows how white text looks on a background with the CIELCh color 73, 31.009, 118.540.

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





Tritanopia
73, 7.623, 293.637

Trichromacy



Original Color
73, 31.009, 118.540

Protanomaly
73, 28.955, 104.056

Deuteranomaly
73, 25.857, 88.037

Tritanomaly
73, 6.776, 125.806

Monochromacy



Original Color
73, 31.009, 118.540

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 11.620, 120.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.009, 118.540 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(171, 186, 129)` looks like.

```
.text, #text, p{  
    color:rgb(171, 186, 129)  
}
```

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(171, 186, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 186, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.009, 118.540 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(171, 186, 129) }
```

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

```
.border{ border-color:rgb(171, 186, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 186, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 186, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 186, 129); box-shadow:4px 4px 4px 4px rgb(171, 186, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.009, 118.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 186, 129) }
```

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

```
.background{ background-color: rgb(171,  
186, 129) }
```

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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