

Converting Colors

CIELCh(73, 43.279, 148.509)

Have a look what the booklet for
CIELCh(73, 43.279, 148.509)
contains.

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Color

CIELCh(73, 43.343, 148.314)

Conversions

Conversions Part 1

Format	Color
Hex	76C488
RGB	118, 196, 136
RGB Percent	46%, 77%, 53%
CMY	0.5369, 0.2310, 0.4663
CMYK	0.40, 0.00, 0.31, 0.23
HSL	134°, 40%, 62%
HSV	134°, 40%, 77%
XYZ	31.6982, 45.1644, 30.3749
YIQ	165.8380, -27.2280, -35.1960

Conversions

Conversions Part 2

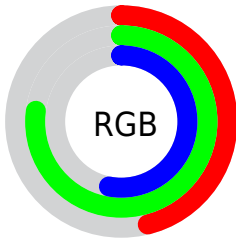
Format	Color
RYB	118, 181, 196
Decimal	7783560
CIELab	73.00, -36.88, 22.77
CIELCh	73, 43.343, 148.314
Yxy	45.1644, 0.2956, 0.4212
Android (android.graphics.Color)	4285973640 (0xFF76C488)
YUV	165.8380, -14.7101, -41.9539
Hunter-Lab	67.2044, -33.4151, 20.2454

Details

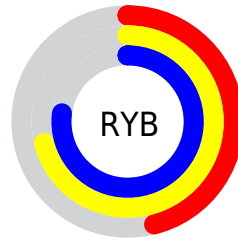
The CIELCh color $73, 43.343, 148.314$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $60, 43.557, 334.320$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $93, 43.155, 148.484$, and $53, 43.466, 148.447$ is the 20% darker color. If you saturate the color by 10%, you get $72, 53.628, 147.133$, and if you desaturate by 10%, it is $74, 32.628, 149.339$.

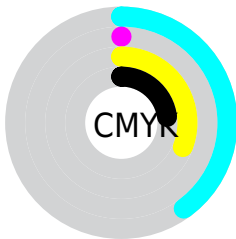
Distribution



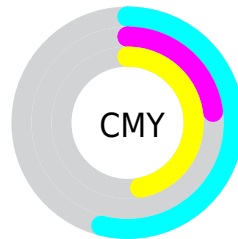
- Red (46%)
- Green (77%)
- Blue (53%)



- Red (46%)
- Yellow (71%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)





- Cyan (54%)
- Magenta (23%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 43.343, 148.314 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, 43.343, 148.314 by changing the saturation by 10% instead.


 73, 43.343,
148.314


 73, 43.343,
148.314


 100, 43.343,
148.314


 63, 43.343,
148.314


 93, 43.343,
148.314

 53, 43.343,
148.314

 43, 43.343,
148.314

 33, 43.343,
148.314

 23, 43.343,
148.314

 13, 43.343,
148.314

 3, 43.343, 148.314

0, 43.343, 148.314

73, 43.343,
148.314

73, 43.343,
148.314

72, 53.628,
147.133

74, 32.628,
149.339

71, 63.254,
145.785

76, 21.682,
150.228

70, 71.994,
144.270

77, 10.678,
151.006

70, 79.630,
142.615

79, 0.250, 330.386

69, 85.985,
140.878

81, 11.000,
332.187

69, 91.004,
139.215

83, 21.503,
332.706

■ 69, 91.104,
139.183

■ 86, 31.628,
332.963

■ 86, 36.939,
325.708

Harmonies

Complementary

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



73, 43.343, 148.314



60, 43.557, 334.320

Rectangle

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



73, 43.343, 148.314



73, 43.343, 198.314



73, 43.343, 328.314



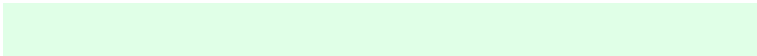
73, 43.343, 18.314

Sweetspot

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



73, 43.344, 148.314



97, 16.241, 150.826



76, 41.413, 116.018



52, 10.779, 150.725



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 43.344, 148.314



91, 64.095, 147.262



74, 29.417, 173.073



40, 6.130, 151.037



58, 78.082, 139.455



10, 21.675, 148.588

Inverse Universe

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



60, 43.557, 334.320



72, 64.165, 335.002



59, 33.382, 1.947



38, 6.153, 332.189



36, 68.616, 339.930



4, 19.452, 336.204

Previews

White Background



This preview shows how the CIELCh color 73, 43.343, 148.314 looks on a white background.

Color Contrast Check

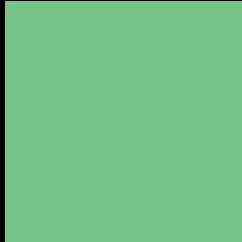
Large Text (above 18pt) WCAG AA × Fail

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, 43.343, 148.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

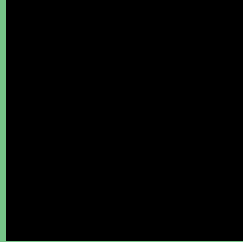
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 43.343, 148.314

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.343, 148.314.

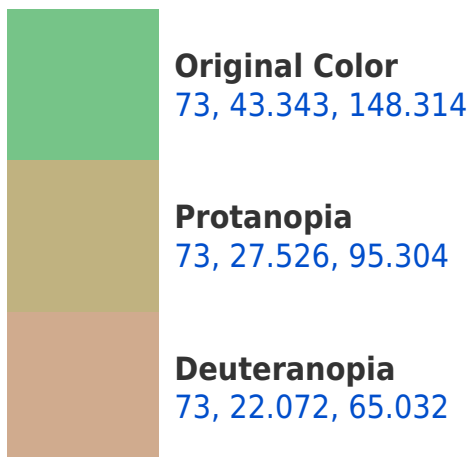


This preview shows how white text looks on a background with the CIELCh color 73, 43.343, 148.314.

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, 19.673, 222.797

Trichromacy



Original Color
73, 43.343, 148.314



Protanomaly
72, 30.010, 122.900



Deuteranomaly
72, 21.642, 113.370

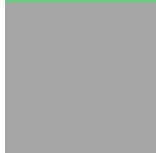


Tritanomaly
73, 23.092, 181.132

Monochromacy



Original Color
73, 43.343, 148.314



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 16.131, 149.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.343, 148.314 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(118, 196, 136)` looks like.

```
.text, #text, p{  
    color:rgb(118, 196, 136)  
}
```

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(118, 196, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 196, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.343, 148.314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

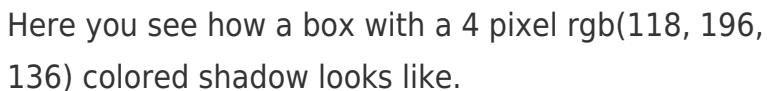
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 196, 136) }
```

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

```
.border{ border-color:rgb(118, 196, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 196, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 196, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 196, 136); box-shadow:4px 4px 4px 4px rgb(118, 196, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.343, 148.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 196, 136) }
```

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

```
.background{ background-color: rgb(118,  
196, 136) }
```

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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