

Converting Colors

CIELCh(73, 34.531, 145.506)

Have a look what the booklet for
CIELCh(73, 34.531, 145.506)
contains.

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Color

CIELCh(73, 34.995, 145.318)

Conversions

Conversions Part 1

Format	Color
Hex	88C18E
RGB	136, 193, 142
RGB Percent	53%, 76%, 56%
CMY	0.4678, 0.2443, 0.4442
CMYK	0.30, 0.00, 0.26, 0.24
HSL	126°, 31%, 64%
HSV	126°, 30%, 76%
XYZ	33.9734, 45.1644, 32.4085
YIQ	170.1430, -17.6010, -27.9450

Conversions

Conversions Part 2

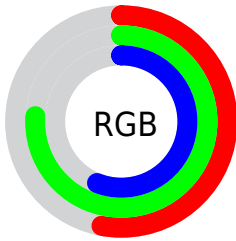
Format	Color
RYB	136, 188, 193
Decimal	8962446
CIELab	73.00, -28.78, 19.91
CIELCh	73, 34.995, 145.318
Yxy	45.1644, 0.3046, 0.4049
Android (android.graphics.Color)	4287152526 (0xFF88C18E)
YUV	170.1430, -13.8745, -29.9434
Hunter-Lab	67.2044, -27.3719, 18.4512

Details

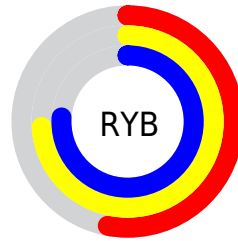
The CIELCh color **73, 34.995, 145.318** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 35.037, 329.152**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.026, 145.194**, and **53, 35.156, 145.107** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.578, 144.352**, and if you desaturate by 10%, it is **74, 23.163, 146.153**.

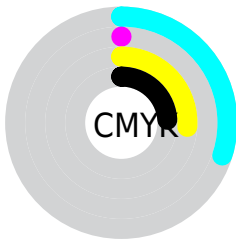
Distribution



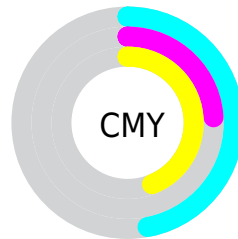
- Red (53%)
- Green (76%)
- Blue (56%)



- Red (53%)
- Yellow (74%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)





- Cyan (47%)
- Magenta (24%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 34.995, 145.318 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, 34.995, 145.318 by changing the saturation by 10% instead.


 73, 34.995,
145.318


 73, 34.995,
145.318


 100, 34.995,
145.318


 63, 34.995,
145.318


 93, 34.995,
145.318

 53, 34.995,
145.318

 43, 34.995,
145.318

 33, 34.995,
145.318

 23, 34.995,
145.318

 13, 34.995,
145.318

 3, 34.995, 145.318

0, 34.995, 145.318

73, 34.995,
145.318

73, 34.995,
145.318

72, 46.578,
144.352

74, 23.163,
146.153

71, 57.662,
143.247

76, 11.278,
146.877

70, 67.955,
142.009

78, 0.506, 326.916

69, 77.133,
140.670

80, 12.080,
327.958

69, 84.850,
139.299

82, 23.369,
328.415

68, 90.776,
138.005

85, 34.326,
328.804

■ 68, 94.733,
136.973

■ 85, 39.065,
325.781

■ 68, 94.864,
136.943

Harmonies

Complementary

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



73, 34.995, 145.318



64, 35.037, 329.152

Rectangle

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



73, 34.995, 145.318



73, 34.995, 195.318



73, 34.995, 325.318



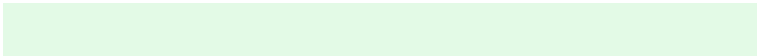
73, 34.995, 15.318

Sweetspot

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



73, 34.996, 145.318



96, 13.089, 146.906



76, 30.264, 111.711



51, 9.102, 146.806



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 34.996, 145.318



91, 51.020, 144.757



74, 24.000, 166.558



40, 6.708, 146.890



57, 82.595, 137.096



10, 23.063, 146.023

Inverse Universe

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



64, 35.037, 329.152



78, 51.028, 329.505



63, 25.435, 352.438



38, 6.722, 327.950



37, 75.381, 332.873



4, 21.942, 330.180

Previews

White Background



This preview shows how the CIELCh color 73, 34.995, 145.318 looks on a white background.

Color Contrast Check

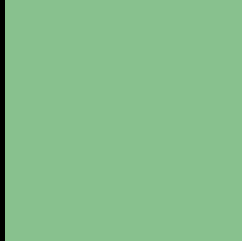
Large Text (above 18pt) WCAG AA × Fail

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, 34.995, 145.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

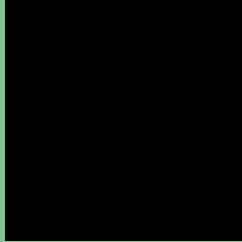
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 34.995, 145.318

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.995, 145.318.



This preview shows how white text looks on a background with the CIELCh color 73, 34.995, 145.318.

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
73, 34.995, 145.318

Protanopia
73, 23.787, 94.909

Deuteranopia
73, 20.217, 63.836



Tritanopia
73, 14.966, 231.747

Trichromacy



Original Color
73, 34.995, 145.318

Protanomaly
72, 25.167, 118.787

Deuteranomaly
73, 19.398, 107.083

Tritanomaly
73, 16.781, 181.094

Monochromacy



Original Color
73, 34.995, 145.318

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 12.467, 146.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.995, 145.318 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(136, 193, 142)` looks like.

```
.text, #text, p{  
    color:rgb(136, 193, 142)  
}
```

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(136, 193, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 193, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.995, 145.318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

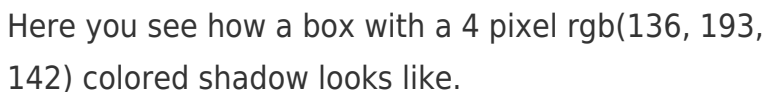
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 193, 142) }
```

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

```
.border{ border-color:rgb(136, 193, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 193, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 193, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 193, 142); box-shadow:4px 4px 4px 4px rgb(136, 193, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.995, 145.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 193, 142) }
```

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

```
.background{ background-color: rgb(136,  
193, 142) }
```

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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