

Converting Colors

CIELCh(73, 30.260, 153.987)

Have a look what the booklet for
CIELCh(73, 30.260, 153.987)
contains.

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Color

CIELCh(73, 30.070, 154.059)

Conversions

Conversions Part 1

Format	Color
Hex	85C09A
RGB	133, 192, 154
RGB Percent	52%, 75%, 60%
CMY	0.4774, 0.2460, 0.3951
CMYK	0.31, 0.00, 0.20, 0.25
HSL	141°, 32%, 64%
HSV	141°, 31%, 75%
XYZ	34.4747, 45.1644, 37.5829
YIQ	170.0270, -22.9660, -24.3260

Conversions

Conversions Part 2

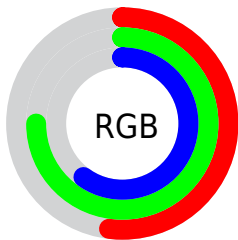
Format	Color
RYB	133, 177, 192
Decimal	8765594
CIELab	73.00, -27.04, 13.15
CIELCh	73, 30.070, 154.059
Yxy	45.1644, 0.2941, 0.3853
Android (android.graphics.Color)	4286955674 (0xFF85C09A)
YUV	170.0270, -7.9013, -32.4727
Hunter-Lab	67.2044, -26.0404, 13.8862

Details

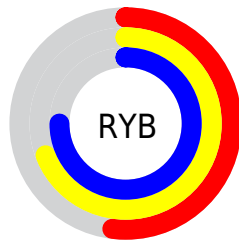
The CIELCh color **73, 30.070, 154.059** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **63, 30.560, 339.007**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 30.551, 153.879**, and **53, 29.932, 154.292** is the 20% darker color. If you saturate the color by 10%, you get **72, 39.576, 152.959**, and if you desaturate by 10%, it is **74, 20.324, 155.022**.

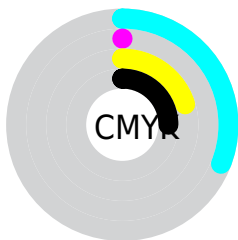
Distribution



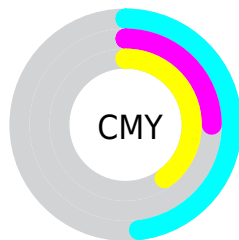
- Red (52%)
- Green (75%)
- Blue (60%)



- Red (52%)
- Yellow (69%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (48%)
- Magenta (25%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 30.070, 154.059 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, 30.070, 154.059 by changing the saturation by 10% instead.


 73, 30.070,
154.059


 73, 30.070,
154.059


 100, 30.070,
154.059


 63, 30.070,
154.059


 93, 30.070,
154.059

 53, 30.070,
154.059

 43, 30.070,
154.059

 33, 30.070,
154.059

 23, 30.070,
154.059

 13, 30.070,
154.059

 3, 30.070, 154.059

■ 0, 30.070, 154.059

■ 73, 30.070,
154.059

■ 73, 30.070,
154.059

■ 72, 39.576,
152.959

■ 74, 20.324,
155.022

■ 71, 48.668,
151.700

■ 76, 10.482,
155.878

■ 70, 57.169,
150.260

■ 78, 0.669, 157.103

■ 69, 64.914,
148.626

■ 80, 9.022, 337.206

■ 69, 71.768,
146.800

■ 82, 18.521,
337.815


■ 68, 77.656,
144.809


■ 84, 27.781,
338.353

■ 85, 33.736,

 68, 82.343,
142.925

332.997

 85, 38.645,
326.522

 85, 39.340,
325.790

Harmonies

Complementary

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



73, 30.070, 154.059



63, 30.560, 339.007

Rectangle

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



73, 30.070, 154.059



73, 30.070, 204.059



73, 30.070, 334.059



73, 30.070, 24.059

Sweetspot

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



73, 30.071, 154.058



96, 10.909, 156.004



75, 32.401, 122.021



51, 7.584, 155.884



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, 30.071, 154.058



91, 44.649, 153.316



74, 20.985, 184.498



40, 5.590, 155.985



58, 71.587, 143.231



10, 20.308, 151.558

Inverse Universe

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



63, 30.560, 339.007



76, 45.458, 339.633



62, 24.318, 10.464



38, 5.627, 337.269



35, 63.351, 348.903



3, 17.436, 343.577

Previews

White Background



This preview shows how the CIELCh color 73, 30.070, 154.059 looks on a white background.

Color Contrast Check

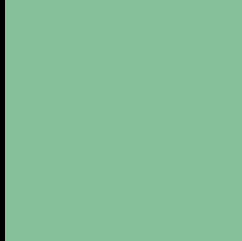
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 30.070, 154.059 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, 30.070, 154.059

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.070, 154.059.

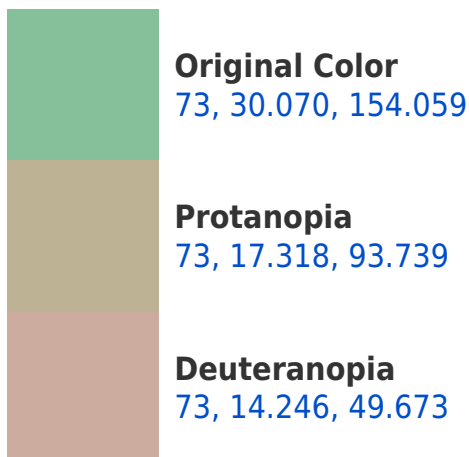


This preview shows how white text looks on a background with the CIELCh color 73, 30.070, 154.059.

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, 16.274, 228.676

Trichromacy



Original Color
73, 30.070, 154.059

Protanomaly
73, 18.642, 125.517

Deuteranomaly
72, 11.904, 110.882

Tritanomaly
73, 17.211, 190.771

Monochromacy



Original Color
73, 30.070, 154.059

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 11.050, 154.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.070, 154.059 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(133, 192, 154)` looks like.

```
.text, #text, p{  
    color:rgb(133, 192, 154)  
}
```

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(133, 192, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 192, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.070, 154.059 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(133, 192, 154) }
```

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

```
.border{ border-color:rgb(133, 192, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 192, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 192, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 192, 154); box-shadow:4px 4px 4px 4px rgb(133, 192, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.070, 154.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 192, 154) }
```

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

```
.background{ background-color: rgb(133,  
192, 154) }
```

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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