

Converting Colors

CIELCh(73, 39.327, 153.059)

Have a look what the booklet for
CIELCh(73, 39.327, 153.059)
contains.

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Color

CIELCh(73, 39.649, 152.659)

Conversions

Conversions Part 1

Format	Color
Hex	76C491
RGB	118, 196, 145
RGB Percent	46%, 77%, 57%
CMY	0.5387, 0.2329, 0.4328
CMYK	0.40, 0.00, 0.26, 0.23
HSL	141°, 40%, 61%
HSV	141°, 40%, 77%
XYZ	32.1563, 45.1644, 33.6641
YIQ	166.8640, -30.1170, -32.3970

Conversions

Conversions Part 2

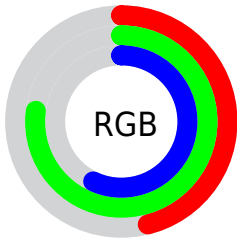
Format	Color
RYB	118, 176, 196
Decimal	7783569
CIELab	73.00, -35.22, 18.21
CIELCh	73, 39.649, 152.659
Yxy	45.1644, 0.2897, 0.4069
Android (android.graphics.Color)	4285973649 (0xFF76C491)
YUV	166.8640, -10.7790, -42.8537
Hunter-Lab	67.2044, -32.1982, 17.3435

Details

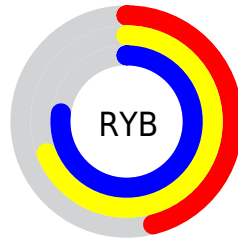
The CIELCh color **73, 39.649, 152.659** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **59, 40.326, 339.397**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.625, 152.645**, and **53, 40.023, 152.497** is the 20% darker color. If you saturate the color by 10%, you get **72, 48.987, 151.416**, and if you desaturate by 10%, it is **74, 29.908, 153.743**.

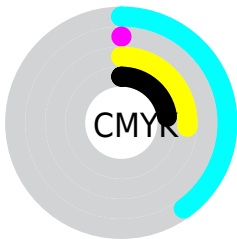
Distribution



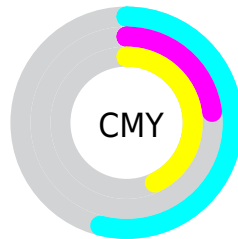
- Red (46%)
- Green (77%)
- Blue (57%)



- Red (46%)
- Yellow (69%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)





- Cyan (54%)
- Magenta (23%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.649, 152.659 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, 39.649, 152.659 by changing the saturation by 10% instead.


 73, 39.649,
152.659


 73, 39.649,
152.659


 100, 39.649,
152.659


 63, 39.649,
152.659


 93, 39.649,
152.659

 53, 39.649,
152.659

 43, 39.649,
152.659

 33, 39.649,
152.659

 23, 39.649,
152.659

 13, 39.649,
152.659

 3, 39.649, 152.659

■ 0, 39.649, 152.659

■ 73, 39.649,
152.659

■ 73, 39.649,
152.659

■ 72, 48.987,
151.416

■ 74, 29.908,
153.743

■ 71, 57.734,
149.994

■ 76, 19.934,
154.692

■ 70, 65.718,
148.379

■ 77, 9.877, 155.537

■ 70, 72.796,
146.573

■ 79, 0.139, 333.723

■ 70, 78.880,
144.603

■ 81, 10.019,
336.842

■ 69, 84.028,
142.590

■ 83, 19.696,
337.437

■ 85, 29.124,

■ 69, 84.092,
142.566

337.964

■ 86, 33.949,
329.788

■ 86, 37.244,
325.718

Harmonies

Complementary

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



73, 39.649, 152.659



59, 40.326, 339.397

Rectangle

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



73, 39.649, 152.659



73, 39.649, 202.659



73, 39.649, 332.659



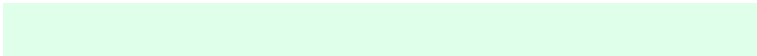
73, 39.649, 22.659

Sweetspot

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



73, 39.650, 152.659



97, 14.909, 155.347



76, 42.254, 120.869



52, 9.893, 155.238



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, 39.650, 152.659



91, 58.571, 151.562



74, 27.127, 182.202



40, 5.630, 155.578



58, 72.131, 142.895



10, 20.417, 151.302

Inverse Universe

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



59, 40.326, 339.397



71, 59.490, 340.275



58, 32.726, 10.674



38, 5.665, 336.850



35, 63.683, 348.153



3, 17.568, 343.003

Previews

White Background



This preview shows how the CIELCh color 73, 39.649, 152.659 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, 39.649, 152.659 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, 39.649, 152.659

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.649, 152.659.

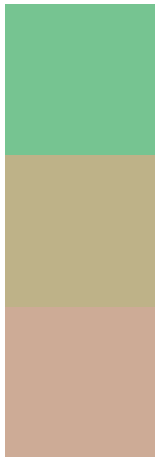


This preview shows how white text looks on a background with the CIELCh color 73, 39.649, 152.659.

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, 39.649, 152.659

Protanopia

73, 23.171, 95.681

Deuteranopia

72, 17.985, 59.140



Tritanopia
73, 19.932, 222.440

Trichromacy



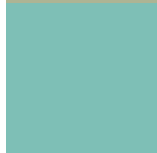
Original Color
73, 39.649, 152.659



Protanomaly
72, 25.483, 125.942



Deuteranomaly
72, 17.507, 117.556



Tritanomaly
73, 22.776, 185.170

Monochromacy



Original Color
73, 39.649, 152.659



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 15.164, 154.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.649, 152.659 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(118, 196, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 196, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.649, 152.659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

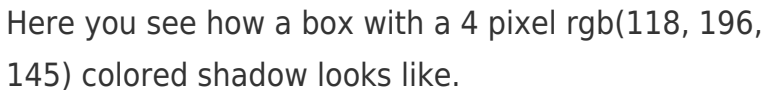
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 196, 145) }
```

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

```
.border{ border-color:rgb(118, 196, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 196, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 196, 145); box-shadow:4px 4px 4px 4px rgb(118, 196, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.649, 152.659 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, 145) }
```

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

```
.background{ background-color: rgb(118,  
196, 145) }
```

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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