

Converting Colors

CIELCh(73, 40.556, 155.816)

Have a look what the booklet for
CIELCh(73, 40.556, 155.816)
contains.

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Color

CIELCh(73, 40.046, 156.122)

Conversions

Conversions Part 1

Format	Color
Hex	6FC494
RGB	111, 196, 148
RGB Percent	44%, 77%, 58%
CMY	0.5635, 0.2302, 0.4185
CMYK	0.43, 0.00, 0.24, 0.23
HSL	146°, 42%, 60%
HSV	146°, 43%, 77%
XYZ	31.7706, 45.1644, 35.1798
YIQ	165.1130, -35.2520, -32.9480

Conversions

Conversions Part 2

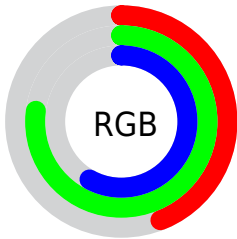
Format	Color
RYB	111, 170, 196
Decimal	7324820
CIELab	73.00, -36.62, 16.21
CIELCh	73, 40.046, 156.122
Yxy	45.1644, 0.2834, 0.4028
Android (android.graphics.Color)	4285514900 (0xFF6FC494)
YUV	165.1130, -8.4367, -47.4571
Hunter-Lab	67.2044, -33.2227, 16.0063

Details

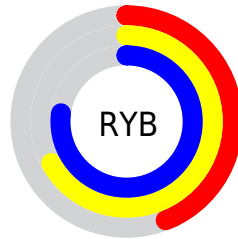
The CIELCh color **73, 40.046, 156.122** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **58, 41.405, 344.316**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.114, 156.136**, and **53, 40.315, 155.905** is the 20% darker color. If you saturate the color by 10%, you get **72, 48.502, 154.778**, and if you desaturate by 10%, it is **74, 31.125, 157.302**.

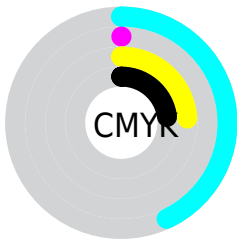
Distribution



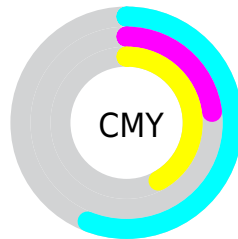
- Red (44%)
- Green (77%)
- Blue (58%)



- Red (44%)
- Yellow (67%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)





- Cyan (56%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 40.046, 156.122 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, 40.046, 156.122 by changing the saturation by 10% instead.


 73, 40.046,
156.122


 73, 40.046,
156.122


 100, 40.046,
156.122


 63, 40.046,
156.122


 93, 40.046,
156.122

 53, 40.046,
156.122

 43, 40.046,
156.122

 33, 40.046,
156.122

 23, 40.046,
156.122

 13, 40.046,
156.122

 3, 40.046, 156.122

■ 0, 40.046, 156.122

■ 73, 40.046,
156.122

■ 73, 40.046,
156.122

■ 72, 48.502,
154.778

■ 74, 31.125,
157.302

■ 71, 56.331,
153.248

■ 75, 21.897,
158.343

■ 71, 63.395,
151.515

■ 77, 12.511,
159.274

■ 70, 69.604,
149.576

■ 79, 3.093, 160.183

■ 70, 74.935,
147.452

■ 81, 6.257, 340.735

■ 82, 15.463,
341.437

■ 70, 78.123,
146.012

■ 85, 24.471,

342.052

■ 86, 29.794,
336.207

■ 86, 33.977,
329.178

Harmonies

Complementary

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



73, 40.046, 156.122



58, 41.405, 344.316

Rectangle

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



73, 40.046, 156.122



73, 40.046, 206.122



73, 40.046, 336.122



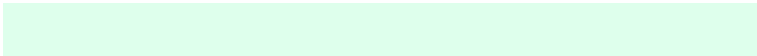
73, 40.046, 26.122

Sweetspot

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



73, 40.047, 156.121



97, 15.119, 159.282



75, 46.908, 124.606



51, 10.581, 159.082



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, 40.047, 156.121



91, 58.566, 154.848



74, 27.611, 190.889



40, 5.272, 159.620



58, 66.814, 146.372



10, 19.341, 154.003

Inverse Universe

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



58, 41.405, 344.316



69, 60.592, 345.517



57, 36.104, 18.892



38, 5.322, 341.000



35, 61.102, 355.579



3, 16.465, 348.405

Previews

White Background



This preview shows how the CIELCh color 73, 40.046, 156.122 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, 40.046, 156.122 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, 40.046, 156.122

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.046, 156.122.

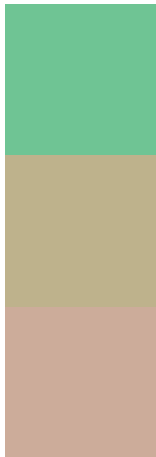


This preview shows how white text looks on a background with the CIELCh color 73, 40.046, 156.122.

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, 40.046, 156.122

Protanopia

73, 21.078, 94.750

Deuteranopia

73, 16.221, 56.861



Tritanopia
73, 21.714, 220.202

Trichromacy



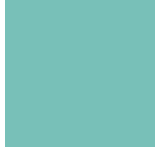
Original Color
73, 40.046, 156.122



Protanomaly
72, 24.530, 130.525



Deuteranomaly
72, 16.269, 123.941



Tritanomaly
73, 24.561, 187.252

Monochromacy



Original Color
73, 40.046, 156.122



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 14.971, 159.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.046, 156.122 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(111, 196, 148)` looks like.

```
.text, #text, p{  
    color:rgb(111, 196, 148)  
}
```

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(111, 196, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 196, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.046, 156.122 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(111, 196, 148) }
```

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

```
.border{ border-color:rgb(111, 196, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 196, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 196, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 196, 148);  
box-shadow:4px 4px 4px 4px rgb(111, 196,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.046, 156.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 196, 148) }
```

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

```
.background{ background-color: rgb(111,  
196, 148) }
```

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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