

Converting Colors

CIELCh(73, 34.923, 158.514)

Have a look what the booklet for
CIELCh(73, 34.923, 158.514)
contains.

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Color

CIELCh(73, 34.923, 158.514)

Conversions

Conversions Part 1

Format	Color
Hex	77C39B
RGB	119, 195, 155
RGB Percent	47%, 76%, 61%
CMY	0.5344, 0.2364, 0.3932
CMYK	0.39, 0.00, 0.21, 0.24
HSL	148°, 39%, 61%
HSV	148°, 39%, 76%
XYZ	32.9164, 45.1644, 37.8750
YIQ	167.7160, -32.4560, -28.5520

Conversions

Conversions Part 2

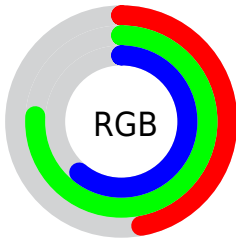
Format	Color
RYB	119, 171, 195
Decimal	7848859
CIELab	73.00, -32.50, 12.79
CIELCh	73, 34.923, 158.514
Yxy	45.1644, 0.2839, 0.3895
Android (android.graphics.Color)	4286038939 (0xFF77C39B)
YUV	167.7160, -6.2690, -42.7239
Hunter-Lab	67.2044, -30.1794, 13.6285

Details

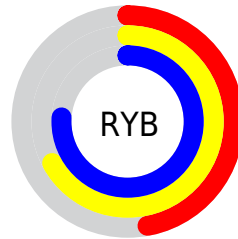
The CIELCh color **73, 34.923, 158.514** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **59, 36.344, 345.967**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.100, 158.157**, and **53, 34.850, 158.497** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.227, 157.228**, and if you desaturate by 10%, it is **74, 26.220, 159.648**.

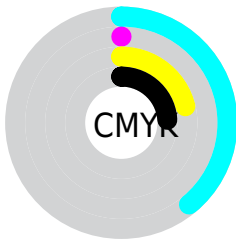
Distribution



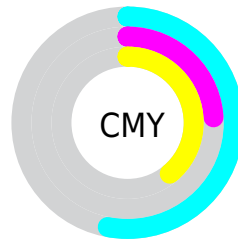
- Red (47%)
- Green (76%)
- Blue (61%)



- Red (47%)
- Yellow (67%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)





- Cyan (53%)
- Magenta (24%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 34.923, 158.514 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, 34.923, 158.514 by changing the saturation by 10% instead.


 73, 34.923,
158.514


 73, 34.923,
158.514


 100, 34.923,
158.514


 63, 34.923,
158.514


 93, 34.923,
158.514

 53, 34.923,
158.514

 43, 34.923,
158.514

 33, 34.923,
158.514

 23, 34.923,
158.514

 13, 34.923,
158.514

 3, 34.923, 158.514

■ 0, 34.923, 158.514

■ 73, 34.923,
158.514

■ 73, 34.923,
158.514

■ 72, 43.227,
157.228

■ 74, 26.220,
159.648

■ 71, 50.973,
155.769

■ 76, 17.263,
160.659

■ 70, 58.024,
154.114

■ 77, 8.190, 161.580

■ 70, 64.276,
152.249

■ 79, 0.888, 341.901

■ 70, 69.687,
150.180

■ 81, 9.882, 343.031

■ 83, 18.726,
343.718

■ 69, 74.351,
147.981

■ 85, 27.364,
344.323

■ 69, 74.789,
147.775

■ 85, 30.670,
336.122

■ 85, 34.517,
329.732

Harmonies

Complementary

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



73, 34.923, 158.514



59, 36.344, 345.967

Rectangle

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



73, 34.923, 158.514



73, 34.923, 208.514



73, 34.923, 338.514



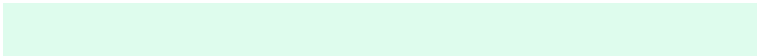
73, 34.923, 28.514

Sweetspot

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



73, 34.924, 158.513



97, 13.450, 161.295



75, 42.507, 126.043



52, 8.995, 161.174



0, 0.000, 0.000



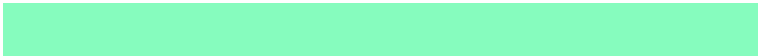
53, 0.007, 296.813

Same Dimension

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



73, 34.924, 158.513



91, 51.280, 157.404



74, 24.854, 194.337



40, 5.124, 161.550



58, 64.375, 148.128



10, 18.837, 155.420

Inverse Universe

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



59, 36.344, 345.967



71, 53.628, 347.076



58, 32.120, 20.646



38, 5.182, 342.978



34, 60.380, 359.068



3, 16.071, 350.755

Previews

White Background



This preview shows how the CIELCh color 73, 34.923, 158.514 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, 34.923, 158.514 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, 34.923, 158.514

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.923, 158.514.

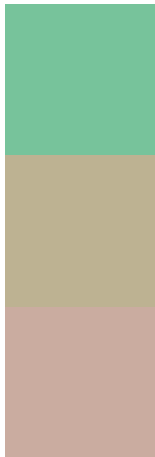


This preview shows how white text looks on a background with the CIELCh color 73, 34.923, 158.514.

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, 34.923, 158.514

Protanopia
73, 17.840, 94.102

Deuteranopia
73, 13.598, 48.607



Tritanopia
73, 20.190, 222.094

Trichromacy



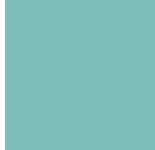
Original Color
73, 34.923, 158.514



Protanomaly
72, 20.619, 131.662



Deuteranomaly
72, 12.320, 123.549



Tritanomaly
73, 21.848, 190.519

Monochromacy



Original Color
73, 34.923, 158.514



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 13.030, 162.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.923, 158.514 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(119, 195, 155)` looks like.

```
.text, #text, p{  
    color:rgb(119, 195, 155)  
}
```

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(119, 195, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 195, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.923, 158.514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

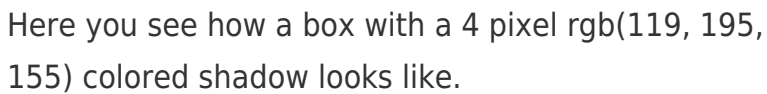
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 195, 155) }
```

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

```
.border{ border-color:rgb(119, 195, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 195, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 195, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 195, 155); box-shadow:4px 4px 4px 4px rgb(119, 195, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.923, 158.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 195, 155) }
```

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

```
.background{ background-color: rgb(119,  
195, 155) }
```

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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