

Converting Colors

CIELCh(73, 43.606, 163.272)

Have a look what the booklet for
CIELCh(73, 43.606, 163.272)
contains.

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Color

CIELCh(73, 43.810, 163.231)

Conversions

Conversions Part 1

Format	Color
Hex	59C79B
RGB	89, 199, 155
RGB Percent	35%, 78%, 61%
CMY	0.6523, 0.2208, 0.3933
CMYK	0.55, 0.00, 0.22, 0.22
HSL	156°, 49%, 56%
HSV	156°, 55%, 78%
XYZ	30.3293, 45.1644, 37.9976
YIQ	161.0940, -51.4360, -37.0040

Conversions

Conversions Part 2

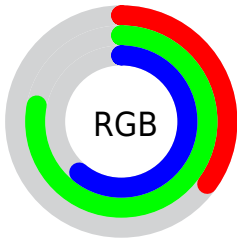
Format	Color
RYB	89, 158, 199
Decimal	5883803
CIELab	73.00, -41.95, 12.64
CIElCh	73, 43.810, 163.231
Yxy	45.1644, 0.2672, 0.3980
Android (android.graphics.Color)	4284073883 (0xFF59C79B)
YUV	161.0940, -3.0043, -63.2264
Hunter-Lab	67.2044, -37.0508, 13.5203

Details

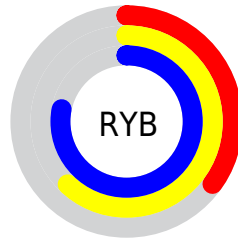
The CIELCh color **73, 43.810, 163.231** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **53, 48.495, 356.546**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 43.168, 163.402**, and **53, 43.588, 163.467** is the 20% darker color. If you saturate the color by 10%, you get **72, 50.171, 161.648**, and if you desaturate by 10%, it is **74, 36.775, 164.637**.

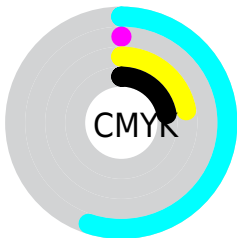
Distribution



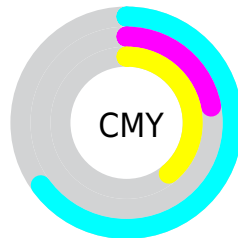
- Red (35%)
- Green (78%)
- Blue (61%)



- Red (35%)
- Yellow (62%)
- Blue (78%)



- Cyan (55%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)





- Cyan (65%)
- Magenta (22%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 43.810, 163.231 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, 43.810, 163.231 by changing the saturation by 10% instead.


 73, 43.810,
163.231


 73, 43.810,
163.231


 100, 43.810,
163.231


 63, 43.810,
163.231


 93, 43.810,
163.231

 53, 43.810,
163.231

 43, 43.810,
163.231

 33, 43.810,
163.231

 23, 43.810,
163.231

 13, 43.810,
163.231

 3, 43.810, 163.231

0, 43.810, 163.231

73, 43.810,
163.231

73, 43.810,
163.231

72, 50.171,
161.648

74, 36.775,
164.637

72, 55.761,
159.868

75, 29.191,
165.894

71, 60.538,
157.877

76, 21.200,
167.026

71, 64.540,
155.685

78, 12.940,
168.059

71, 66.245,
154.664

79, 4.533, 169.054

81, 3.915, 349.703

83, 12.322,

350.576

■ 85, 20.625,
351.335

■ 86, 24.932,
346.279

Harmonies

Complementary

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



73, 43.810, 163.231



53, 48.495, 356.546

Rectangle

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



73, 43.810, 163.231



73, 43.810, 213.231



73, 43.810, 343.231



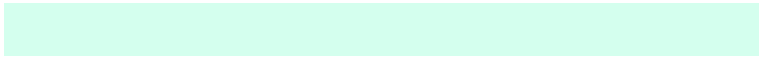
73, 43.810, 33.231

Sweetspot

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



73, 43.811, 163.230



97, 17.505, 167.871



74, 62.400, 129.935



51, 11.694, 167.664



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, 43.811, 163.230



90, 61.688, 161.376



71, 29.489, 209.157



41, 4.788, 168.649



59, 56.868, 155.022



11, 18.398, 161.059

Inverse Universe

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



53, 48.495, 356.546



62, 68.804, 359.206



54, 45.554, 32.571



39, 4.879, 350.222



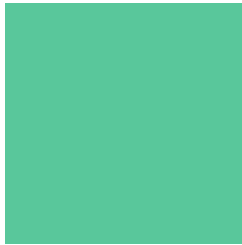
34, 60.679, 11.153



4, 17.045, 358.899

Previews

White Background



This preview shows how the CIELCh color 73, 43.810, 163.231 looks on a white background.

Color Contrast Check

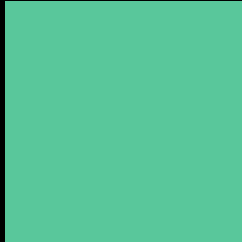
Large Text (above 18pt) WCAG AA × Fail

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, 43.810, 163.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

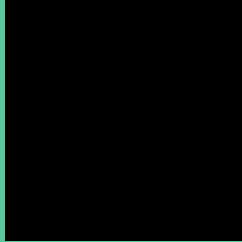
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 43.810, 163.231

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.810, 163.231.

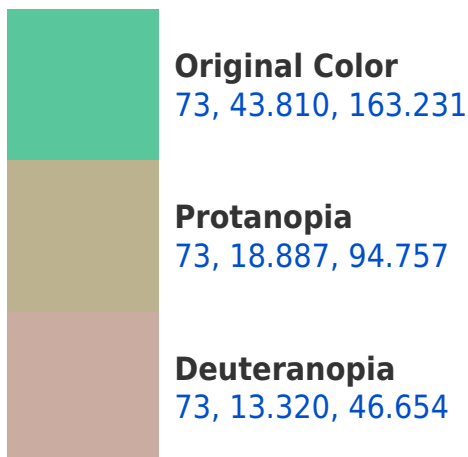


This preview shows how white text looks on a background with the CIELCh color 73, 43.810, 163.231.

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, 27.150, 215.192

Trichromacy



Original Color
73, 43.810, 163.231



Protanomaly
72, 24.213, 139.733



Deuteranomaly
72, 14.884, 141.422

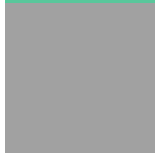


Tritanomaly
73, 30.076, 190.843

Monochromacy



Original Color
73, 43.810, 163.231



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 17.269, 167.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.810, 163.231 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(89, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(89, 199, 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(89, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 199, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.810, 163.231 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(89, 199, 155) }
```

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

```
.border{ border-color:rgb(89, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(89, 199,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.810, 163.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 199, 155) }
```

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

```
.background{ background-color: rgb(89, 199,  
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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