

Converting Colors

CIELCh(70, 80.285, 170.376)

Have a look what the booklet for
CIELCh(70, 80.285, 170.376)
contains.

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Color

CIELCh(73, 58.925, 162.458)

Conversions

Conversions Part 1

Format	Color
Hex	04CC91
RGB	4, 204, 145
RGB Percent	2%, 80%, 57%
CMY	0.9840, 0.2007, 0.4323
CMYK	0.98, 0.00, 0.29, 0.20
HSL	162°, 96%, 41%
HSV	162°, 98%, 80%
XYZ	26.6936, 45.1644, 34.0012
YIQ	137.4740, -100.2610, -60.7490

Conversions

Conversions Part 2

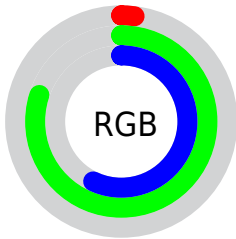
Format	Color
RYB	4, 121, 204
Decimal	314513
CIELab	73.00, -56.18, 17.76
CIELCh	73, 58.925, 162.458
Yxy	45.1644, 0.2522, 0.4266
Android (android.graphics.Color)	4278504593 (0xFF04CC91)
YUV	137.4740, 3.7103, -117.0567
Hunter-Lab	67.2044, -46.7076, 17.0461

Details

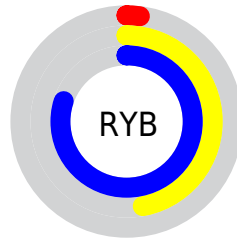
The CIELCh color **73, 58.925, 162.458** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **43, 73.587, 20.866**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 55.275, 164.408**, and **54, 50.621, 157.509** is the 20% darker color. If you saturate the color by 10%, you get **73, 59.491, 162.043**, and if you desaturate by 10%, it is **73, 55.942, 164.559**.

Distribution



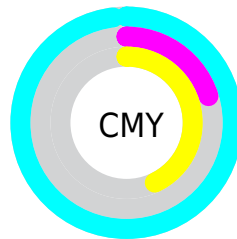
- Red (2%)
- Green (80%)
- Blue (57%)



- Red (2%)
- Yellow (47%)
- Blue (80%)



- Cyan (98%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)





- Cyan (98%)
- Magenta (20%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 58.925, 162.458 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, 58.925, 162.458 by changing the saturation by 10% instead.


 73, 58.925,
162.458

 73, 58.925,
162.458


 100, 58.925,
162.458


 63, 58.925,
162.458


 93, 58.925,
162.458

 53, 58.925,
162.458

 43, 58.925,
162.458

 33, 58.925,
162.458

 23, 58.925,
162.458

 13, 58.925,
162.458

 3, 58.925, 162.458

■ 0, 58.925, 162.458

■ 73, 58.925,
162.458

■ 73, 58.925,
162.458

■ 73, 59.491,
162.043

■ 73, 55.942,
164.559

■ 74, 52.228,
166.482

■ 74, 47.681,
168.209

■ 75, 42.305,
169.753

■ 76, 36.171,
171.139

■ 77, 29.388,
172.391

■ 78, 22.085,
173.534

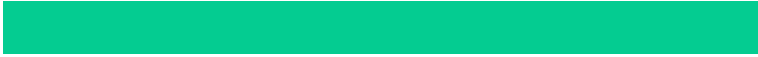
■ 79, 14.399,
174.591

■ 81, 6.458, 175.602

Harmonies

Complementary

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



73, 58.925, 162.458



43, 73.587, 20.866

Rectangle

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



73, 58.925, 162.458



73, 58.925, 212.458



73, 58.925, 342.458



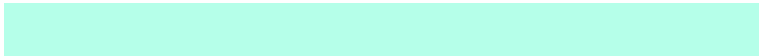
73, 58.925, 32.458

Sweetspot

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



73, 58.925, 162.457



95, 27.368, 173.382



72, 96.892, 133.114



50, 18.627, 172.895



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, 58.925, 162.457



89, 70.776, 161.733



62, 36.962, 235.107



42, 4.577, 175.460



60, 50.737, 162.391



12, 17.483, 167.654

Inverse Universe

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



43, 73.587, 20.866



54, 88.493, 22.742



45, 82.627, 43.215



40, 4.704, 357.089



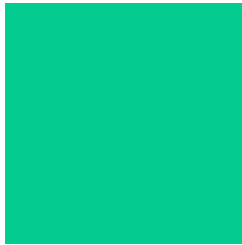
35, 63.475, 20.990



4, 18.533, 5.114

Previews

White Background



This preview shows how the CIELCh color 73, 58.925, 162.458 looks on a white background.

Color Contrast Check

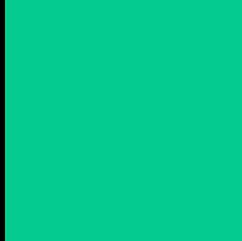
Large Text (above 18pt) WCAG AA × Fail

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, 58.925, 162.458 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

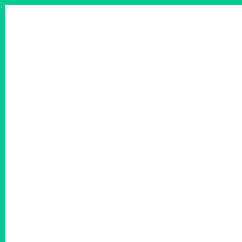
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 58.925, 162.458

Background



This preview shows how black text looks on a background with the CIELCh color 73, 58.925, 162.458.

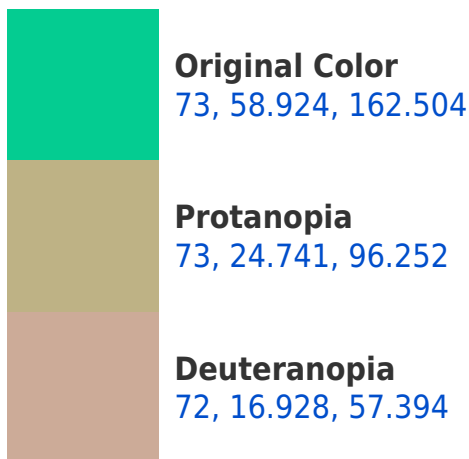


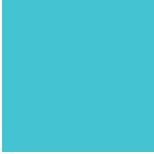
This preview shows how white text looks on a background with the CIELCh color 73, 58.925, 162.458.

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, 34.490, 211.811

Trichromacy



Original Color
73, 58.924, 162.504



Protanomaly
71, 36.566, 148.860



Deuteranomaly
70, 26.971, 153.894



Tritanomaly
73, 40.852, 187.871

Monochromacy



Original Color
73, 58.924, 162.504



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 28.034, 171.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 58.925, 162.458 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(4, 204, 145)` looks like.

```
.text, #text, p{  
    color:rgb(4, 204, 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(4, 204, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 204, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 58.925, 162.458 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(4, 204, 145) }
```

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

```
.border{ border-color:rgb(4, 204, 145) }
```

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

Here you see how a box with a 4 pixel rgb(4, 204, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 204, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 204, 145);  
box-shadow:4px 4px 4px 4px rgb(4, 204,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 58.925, 162.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 204, 145) }
```

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

```
.background{ background-color: rgb(4, 204,  
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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