

Converting Colors

CIELCh(73, 57.608, 164.174)

Have a look what the booklet for
CIELCh(73, 57.608, 164.174)
contains.

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Color

CIELCh(73, 57.579, 164.207)

Conversions

Conversions Part 1

Format	Color
Hex	00CC95
RGB	0, 204, 149
RGB Percent	0%, 80%, 58%
CMY	1.0000, 0.2014, 0.4170
CMYK	1.00, 0.00, 0.27, 0.20
HSL	164°, 100%, 40%
HSV	164°, 100%, 80%
XYZ	26.8847, 45.1644, 35.5962
YIQ	136.7340, -103.9290, -60.3530

Conversions

Conversions Part 2

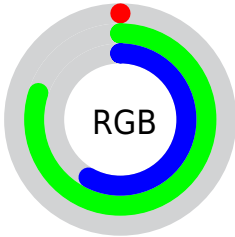
Format	Color
RYB	0, 118, 204
Decimal	52373
CIELab	73.00, -55.41, 15.67
CIELCh	73, 57.579, 164.207
Yxy	45.1644, 0.2498, 0.4196
Android (android.graphics.Color)	4278242453 (0xFF00CC95)
YUV	136.7340, 6.0471, -119.9157
Hunter-Lab	67.2044, -46.2001, 15.6389

Details

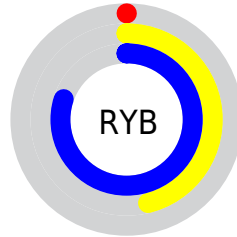
The CIELCh color **73, 57.579, 164.207** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **43, 75.374, 24.187**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 54.113, 166.230**, and **54, 49.003, 159.406** is the 20% darker color. If you saturate the color by 10%, you get **73, 57.528, 164.180**, and if you desaturate by 10%, it is **73, 54.864, 166.228**.

Distribution



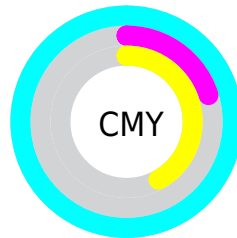
- Red (0%)
- Green (80%)
- Blue (58%)



- Red (0%)
- Yellow (46%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (20%)




- Cyan (100%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 57.579, 164.207 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, 57.579, 164.207 by changing the saturation by 10% instead.

 73, 57.579,
164.207


 73, 57.579,
164.207


 100, 57.579,
164.207


 63, 57.579,
164.207


 93, 57.579,
164.207

 53, 57.579,
164.207

 43, 57.579,
164.207

 33, 57.579,
164.207

 23, 57.579,
164.207

 13, 57.579,
164.207

 3, 57.579, 164.207

■ 0, 57.579, 164.207

■ 73, 57.579,
164.207

■ 73, 57.579,
164.207

■ 73, 57.528,
164.180

■ 73, 54.864,
166.228

■ 74, 51.548,
168.134

■ 74, 47.402,
169.846

■ 75, 42.414,
171.381

■ 75, 36.638,
172.761

■ 76, 30.174,
174.010

■ 78, 23.148,
175.153

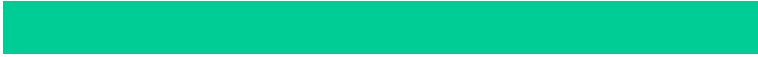
■ 79, 15.692,
176.213

■ 80, 7.936, 177.220

Harmonies

Complementary

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



73, 57.579, 164.207



43, 75.374, 24.187

Rectangle

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



73, 57.579, 164.207



73, 57.579, 214.207



73, 57.579, 344.207



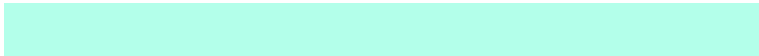
73, 57.579, 34.207

Sweetspot

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



73, 57.528, 164.180



95, 27.761, 175.110



72, 97.851, 133.527



50, 18.770, 174.632



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, 57.528, 164.180



89, 68.462, 163.878



61, 37.500, 239.492



42, 4.510, 177.281



60, 49.117, 164.517



13, 17.035, 169.596

Inverse Universe

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



43, 75.374, 24.187



54, 89.784, 25.011



45, 83.356, 43.867



40, 4.647, 358.906



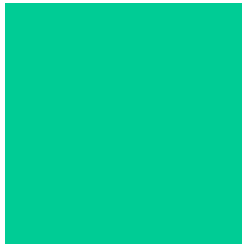
35, 64.302, 23.262



4, 18.434, 6.360

Previews

White Background



This preview shows how the CIELCh color 73, 57.579, 164.207 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 CIE LCh color 73, 57.579, 164.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

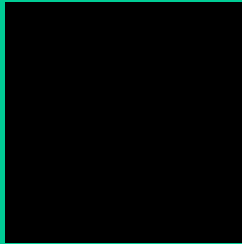
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 57.579, 164.207

Background



This preview shows how black text looks on a background with the CIELCh color 73, 57.579, 164.207.

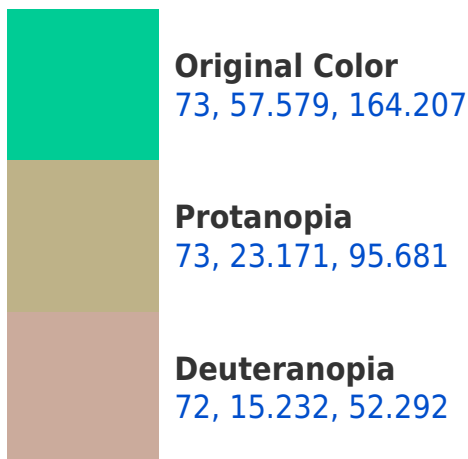


This preview shows how white text looks on a background with the CIELCh color 73, 57.579, 164.207.

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, 34.815, 210.694

Trichromacy



Original Color
73, 57.579, 164.207



Protanomaly
71, 35.132, 151.458



Deuteranomaly
70, 25.927, 158.172



Tritanomaly
73, 41.224, 187.940

Monochromacy



Original Color
73, 57.579, 164.207



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 28.235, 173.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 57.579, 164.207 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(0, 204, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 149)  
}
```

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(0, 204, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 57.579, 164.207 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(0, 204, 149) }
```

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

```
.border{ border-color:rgb(0, 204, 149) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 57.579, 164.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 149) }
```

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

```
.background{ background-color: rgb(0, 204,  
149) }
```

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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