

Converting Colors

CIELCh(73, 55.839, 165.055)

Have a look what the booklet for
CIELCh(73, 55.839, 165.055)
contains.

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Color

CIELCh(73, 55.787, 165.088)

Conversions

Conversions Part 1

Format	Color
Hex	13CB97
RGB	19, 203, 151
RGB Percent	7%, 80%, 59%
CMY	0.9271, 0.2033, 0.4072
CMYK	0.91, 0.00, 0.26, 0.20
HSL	163°, 83%, 43%
HSV	163°, 91%, 80%
XYZ	27.2543, 45.1644, 36.6252
YIQ	142.0560, -92.9720, -55.1800

Conversions

Conversions Part 2

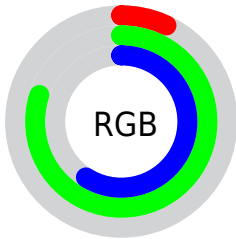
Format	Color
R_{YB}	19, 126, 203
Decimal	1297303
CIE _{Lab}	73.00, -53.91, 14.36
CIE _{LCh}	73, 55.787, 165.088
Yxy	45.1644, 0.2499, 0.4142
Android (android.graphics.Color)	4279487383 (0xFF13CB97)
YUV	142.0560, 4.4094, -107.9201
Hunter-Lab	67.2044, -45.2184, 14.7312

Details

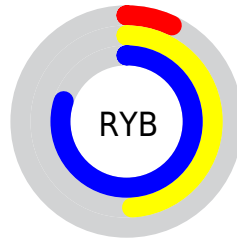
The CIELCh color **73, 55.787, 165.088** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **44, 70.976, 18.233**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 52.776, 166.767**, and **54, 48.202, 160.400** is the 20% darker color. If you saturate the color by 10%, you get **73, 58.302, 163.184**, and if you desaturate by 10%, it is **73, 52.436, 167.037**.

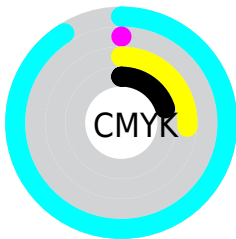
Distribution



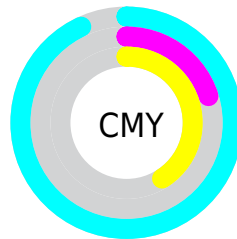
- Red (7%)
- Green (80%)
- Blue (59%)



- Red (7%)
- Yellow (49%)
- Blue (80%)



- Cyan (91%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)





- Cyan (93%)
- Magenta (20%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 55.787, 165.088 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, 55.787, 165.088 by changing the saturation by 10% instead.


 73, 55.787,
165.088


 73, 55.787,
165.088


 100, 55.787,
165.088


 63, 55.787,
165.088


 93, 55.787,
165.088

 53, 55.787,
165.088

 43, 55.787,
165.088

 33, 55.787,
165.088

 23, 55.787,
165.088

 13, 55.787,
165.088

 3, 55.787, 165.088

■ 0, 55.787, 165.088

■ 73, 55.787,
165.088

■ 73, 55.787,
165.088

■ 73, 58.302,
163.184

■ 73, 52.436,
167.037

■ 74, 48.263,
168.791

■ 74, 43.251,
170.361

■ 75, 37.452,
171.771

■ 76, 30.964,
173.044

■ 77, 23.911,
174.205

■ 79, 16.428,
175.277

■ 80, 8.644, 176.290

■ 82, 0.676, 177.881

Harmonies

Complementary

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



73, 55.787, 165.088



44, 70.976, 18.233

Rectangle

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



73, 55.787, 165.088



73, 55.787, 215.088



73, 55.787, 345.088



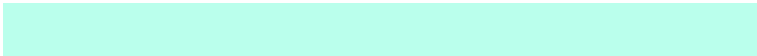
73, 55.787, 35.088

Sweetspot

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



73, 55.787, 165.087



95, 25.328, 174.588



72, 94.377, 132.965



50, 16.959, 174.208



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, 55.787, 165.087



89, 69.521, 162.873



62, 36.468, 235.823



42, 4.540, 176.436



60, 49.858, 163.522



13, 17.240, 168.691

Inverse Universe

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



44, 70.976, 18.233



54, 89.172, 23.978



47, 76.768, 43.863



40, 4.673, 358.064



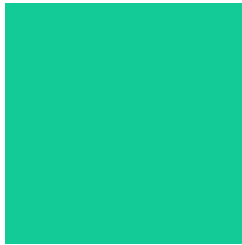
35, 63.908, 22.226



4, 18.478, 5.793

Previews

White Background



This preview shows how the CIELCh color 73, 55.787, 165.088 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, 55.787, 165.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

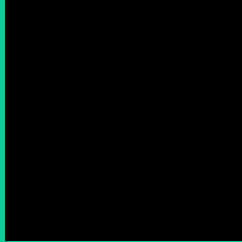
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 55.787, 165.088

Background



This preview shows how black text looks on a background with the CIELCh color 73, 55.787, 165.088.

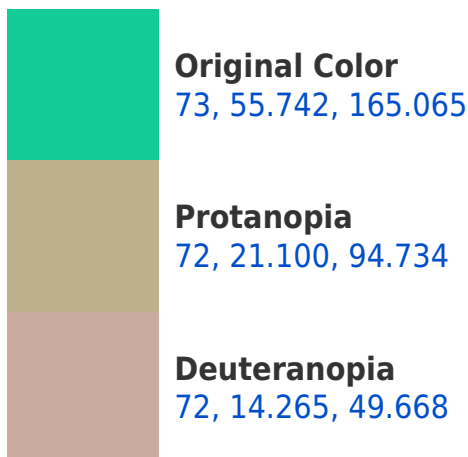


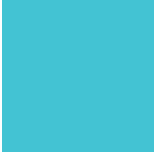
This preview shows how white text looks on a background with the CIELCh color 73, 55.787, 165.088.

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, 34.630, 211.741

Trichromacy



Original Color
73, 55.742, 165.065



Protanomaly
71, 32.895, 150.417



Deuteranomaly
70, 23.211, 158.178



Tritanomaly
73, 40.017, 189.344

Monochromacy



Original Color
73, 55.742, 165.065



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 26.088, 172.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 55.787, 165.088 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(19, 203, 151)` looks like.

```
.text, #text, p{  
    color:rgb(19, 203, 151)  
}
```

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(19, 203, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 203, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 55.787, 165.088 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(19, 203, 151) }
```

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

```
.border{ border-color:rgb(19, 203, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 203, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(19, 203, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(19, 203, 151); box-shadow:4px 4px 4px 4px rgb(19, 203, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 55.787, 165.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 203, 151) }
```

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

```
.background{ background-color: rgb(19, 203,  
151) }
```

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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