

Converting Colors

CIELCh(73, 44.552, 168.387)

Have a look what the booklet for
CIELCh(73, 44.552, 168.387)
contains.

CIELCh(73, 44.995, 168.011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 44.995, 168.011)

Conversions

Conversions Part 1

Format	Color
Hex	4AC8A1
RGB	74, 200, 161
RGB Percent	29%, 78%, 63%
CMY	0.7112, 0.2169, 0.3698
CMYK	0.63, 0.00, 0.20, 0.22
HSL	161°, 53%, 54%
HSV	161°, 63%, 78%
XYZ	29.7823, 45.1644, 40.7266
YIQ	157.8800, -62.5770, -38.8410

Conversions

Conversions Part 2

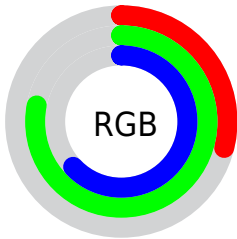
Format	Color
RYB	74, 149, 200
Decimal	4901025
CIELab	73.00, -44.01, 9.35
CIELCh	73, 44.995, 168.011
Yxy	45.1644, 0.2575, 0.3904
Android (android.graphics.Color)	4283091105 (0xFF4AC8A1)
YUV	157.8800, 1.5382, -73.5628
Hunter-Lab	67.2044, -38.5037, 11.1128

Details

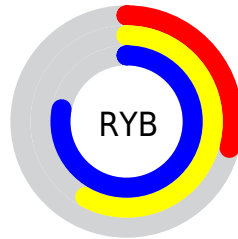
The CIELCh color **73, 44.995, 168.011** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **50, 53.568, 5.075**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 43.615, 169.132**, and **53, 43.168, 166.660** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.995, 166.358**, and if you desaturate by 10%, it is **74, 39.215, 169.488**.

Distribution



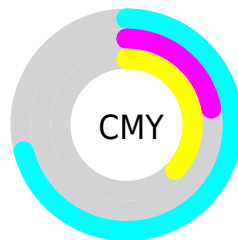
- Red (29%)
- Green (78%)
- Blue (63%)



- Red (29%)
- Yellow (58%)
- Blue (78%)



- Cyan (63%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)





- Cyan (71%)
- Magenta (22%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 44.995, 168.011 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, 44.995, 168.011 by changing the saturation by 10% instead.


 73, 44.995,
168.011


 73, 44.995,
168.011


 100, 44.995,
168.011


 63, 44.995,
168.011


 93, 44.995,
168.011

 53, 44.995,
168.011

 43, 44.995,
168.011

 33, 44.995,
168.011

 23, 44.995,
168.011

 13, 44.995,
168.011

 3, 44.995, 168.011

■ 0, 44.995, 168.011

■ 73, 44.995,
168.011

■ 73, 44.995,
168.011

■ 72, 49.995,
166.358

■ 74, 39.215,
169.488

■ 72, 54.173,
164.512

■ 75, 32.746,
170.815

■ 72, 57.558,
162.466

■ 76, 25.709,
172.018

■ 72, 59.568,
161.000

■ 77, 18.238,
173.120

■ 78, 10.463,
174.147

■ 80, 2.503, 175.228

■ 82, 5.540, 355.830

■ 84, 13.584,
356.708

■ 86, 21.567,
357.505

Harmonies

Complementary

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



73, 44.995, 168.011



50, 53.568, 5.075

Rectangle

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



73, 44.995, 168.011



73, 44.995, 218.011



73, 44.995, 348.011



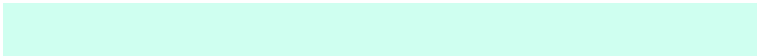
73, 44.995, 38.011

Sweetspot

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



73, 44.995, 168.010



96, 18.361, 173.522



73, 72.060, 132.122



51, 12.593, 173.220



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, 44.995, 168.010



90, 62.218, 165.649



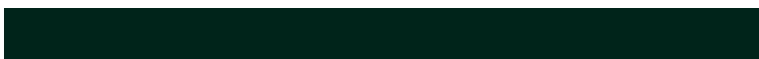
67, 30.594, 222.314



41, 4.519, 174.523



59, 50.995, 161.350



11, 16.892, 167.058

Inverse Universe

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



50, 53.568, 5.075



58, 75.567, 9.628



53, 50.740, 39.501



39, 4.638, 356.145



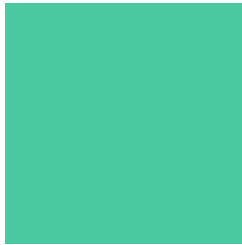
34, 62.345, 19.684



4, 16.558, 3.766

Previews

White Background



This preview shows how the CIELCh color 73, 44.995, 168.011 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, 44.995, 168.011 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

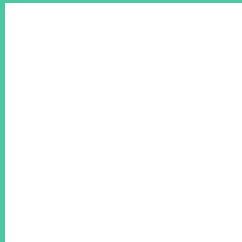
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 44.995, 168.011

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.995, 168.011.

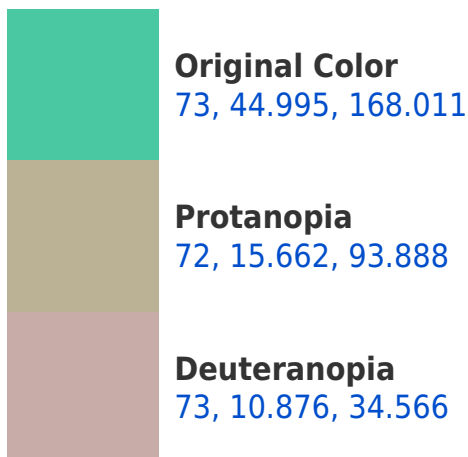


This preview shows how white text looks on a background with the CIELCh color 73, 44.995, 168.011.

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, 30.093, 214.327

Trichromacy



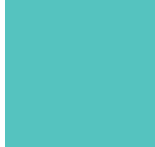
Original Color
73, 44.995, 168.011



Protanomaly
72, 22.889, 148.370



Deuteranomaly
72, 14.321, 158.036



Tritanomaly
73, 32.998, 193.111

Monochromacy



Original Color
73, 44.995, 168.011



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 18.512, 173.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 44.995, 168.011 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(74, 200, 161)` looks like.

```
.text, #text, p{  
    color:rgb(74, 200, 161)  
}
```

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(74, 200, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 200, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.995, 168.011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

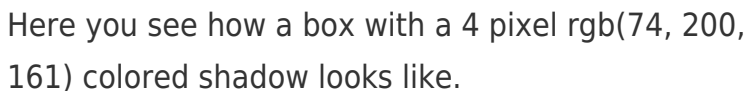
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 200, 161) }
```

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

```
.border{ border-color:rgb(74, 200, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(74, 200, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 200, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 200, 161);  
box-shadow:4px 4px 4px 4px rgb(74, 200,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.995, 168.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 200, 161) }
```

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

```
.background{ background-color: rgb(74, 200,  
161) }
```

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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