

Converting Colors

CIELCh(74, 45.204, 183.890)

Have a look what the booklet for
CIELCh(74, 45.204, 183.890)
contains.

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Color

CIELCh(74, 45.371, 183.600)

Conversions

Conversions Part 1

Format	Color
Hex	11CCBA
RGB	17, 204, 186
RGB Percent	7%, 80%, 73%
CMY	0.9335, 0.2011, 0.2717
CMYK	0.92, 0.00, 0.09, 0.20
HSL	174°, 85%, 43%
HSV	174°, 92%, 80%
XYZ	30.5900, 46.7039, 53.7053
YIQ	146.0350, -105.6740, -45.2420

Conversions

Conversions Part 2

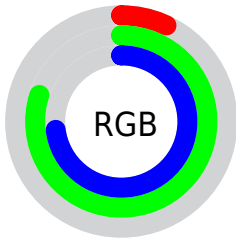
Format	Color
R _{YB}	17, 115, 204
Decimal	1166522
CIE Lab	74.00, -45.28, -2.85
CIE LCh	74, 45.371, 183.600
Yxy	46.7039, 0.2335, 0.3565
Android (android.graphics.Color)	4279356602 (0xFF11CCBA)
YUV	146.0350, 19.7027, -113.1637
Hunter-Lab	68.3403, -39.6967, 1.2451

Details

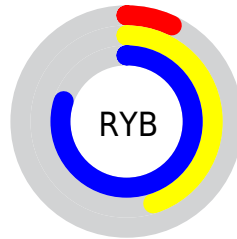
The CIELCh color **74, 45.371, 183.600** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **43, 79.086, 32.889**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 42.661, 187.619**, and **55, 37.106, 181.561** is the 20% darker color. If you saturate the color by 10%, you get **74, 46.322, 182.660**, and if you desaturate by 10%, it is **74, 43.639, 184.661**.

Distribution



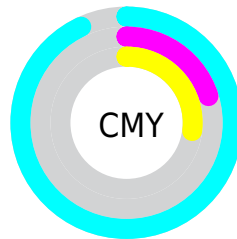
- Red (7%)
- Green (80%)
- Blue (73%)



- Red (7%)
- Yellow (45%)
- Blue (80%)



- Cyan (92%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (93%)
- Magenta (20%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 45.371, 183.600 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 74, 45.371, 183.600 by changing the saturation by 10% instead.

 74, 45.371,
183.600

 74, 45.371,
183.600

 100, 45.371,
183.600

 64, 45.371,
183.600

 94, 45.371,
183.600

 54, 45.371,
183.600

 44, 45.371,
183.600

 34, 45.371,
183.600

 24, 45.371,
183.600

 14, 45.371,
183.600

 4, 45.371, 183.600

0, 45.371, 183.600

74, 45.371,
183.600

74, 45.371,
183.600

74, 46.322,
182.660

74, 43.639,
184.661

75, 41.044,
185.637

75, 37.544,
186.546

76, 33.160,
187.405

77, 27.961,
188.229

78, 22.049,
189.031

■ 79, 15.544,
189.822

■ 80, 8.571, 190.621

■ 82, 1.248, 191.755

Harmonies

Complementary

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



74, 45.371, 183.600



43, 79.086, 32.889

Rectangle

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



74, 45.371, 183.600



74, 45.371, 233.600



74, 45.371, 3.600



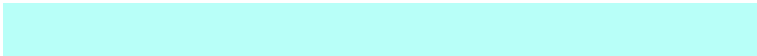
74, 45.371, 53.600

Sweetspot

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



74, 45.371, 183.599



95, 23.638, 189.293



72, 98.155, 135.625



50, 16.089, 188.946



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 45.371, 183.599



90, 54.939, 182.496



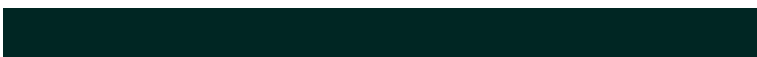
52, 46.550, 268.597



42, 4.189, 190.810



61, 39.676, 182.842



13, 14.458, 185.440

Inverse Universe

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



43, 79.086, 32.889



53, 100.402, 36.879



52, 70.777, 54.569



40, 4.397, 12.151



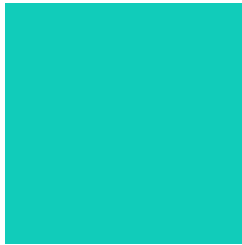
34, 71.677, 35.659



4, 17.992, 14.667

Previews

White Background



This preview shows how the CIELCh color 74, 45.371, 183.600 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 74, 45.371, 183.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

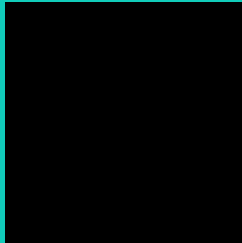
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

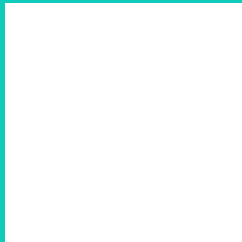
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 45.371, 183.600

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.371, 183.600.

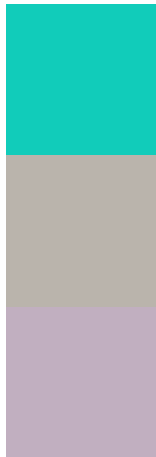


This preview shows how white text looks on a background with the CIELCh color 74, 45.371, 183.600.

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



Original Color

74, 45.414, 183.609

Protanopia

74, 4.872, 81.739

Deuteranopia

73, 11.407, 326.463



Tritanopia
74, 37.162, 211.421

Trichromacy



Original Color
74, 45.414, 183.609



Protanomaly
72, 23.116, 181.098



Deuteranomaly
72, 18.851, 206.366



Tritanomaly
74, 39.498, 199.764

Monochromacy



Original Color
74, 45.414, 183.609



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 23.459, 187.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.371, 183.600 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(17, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(17, 204, 186)  
}
```

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(17, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 204, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.371, 183.600 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(17, 204, 186) }
```

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

```
.border{ border-color:rgb(17, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 204, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 204, 186);  
box-shadow:4px 4px 4px 4px rgb(17, 204,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.371, 183.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 204, 186) }
```

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

```
.background{ background-color: rgb(17, 204,  
186) }
```

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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