

Converting Colors

CIELCh(73, 42.160, 187.083)

Have a look what the booklet for
CIELCh(73, 42.160, 187.083)
contains.

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Color

CIELCh(73, 42.367, 186.601)

Conversions

Conversions Part 1

Format	Color
Hex	25C8BB
RGB	37, 200, 187
RGB Percent	15%, 78%, 73%
CMY	0.8567, 0.2166, 0.2675
CMYK	0.82, 0.00, 0.07, 0.22
HSL	175°, 69%, 46%
HSV	175°, 82%, 78%
XYZ	30.2923, 45.1644, 54.0089
YIQ	149.7810, -92.9750, -38.5990

Conversions

Conversions Part 2

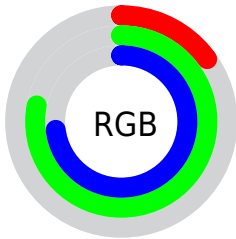
Format	Color
RYB	37, 122, 200
Decimal	2476219
CIELab	73.00, -42.09, -4.87
CIELCh	73, 42.367, 186.601
Yxy	45.1644, 0.2340, 0.3489
Android (android.graphics.Color)	4280666299 (0xFF25C8BB)
YUV	149.7810, 18.3490, -98.9089
Hunter-Lab	67.2044, -37.1492, -0.6054

Details

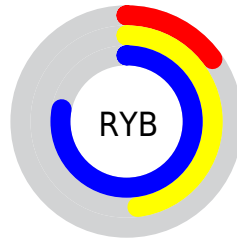
The CIELCh color **73, 42.367, 186.601** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **44, 71.307, 29.519**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 41.365, 188.145**, and **54, 35.157, 185.632** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.966, 185.682**, and if you desaturate by 10%, it is **73, 39.917, 187.453**.

Distribution



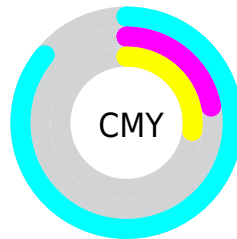
- Red (15%)
- Green (78%)
- Blue (73%)



- Red (15%)
- Yellow (48%)
- Blue (78%)



- Cyan (82%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)





- Cyan (86%)
- Magenta (22%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.367, 186.601 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, 42.367, 186.601 by changing the saturation by 10% instead.


 73, 42.367,
186.601


 73, 42.367,
186.601


 100, 42.367,
186.601


 63, 42.367,
186.601


 93, 42.367,
186.601

 53, 42.367,
186.601

 43, 42.367,
186.601

 33, 42.367,
186.601

 23, 42.367,
186.601

 13, 42.367,
186.601

 3, 42.367, 186.601

0, 42.367, 186.601

73, 42.367,
186.601

73, 42.367,
186.601

73, 43.966,
185.682

73, 39.917,
187.453

73, 44.814,
184.880

74, 36.572,
188.257

75, 32.352,
189.028

75, 27.322,
189.780

76, 21.579,
190.522

77, 15.239,
191.265

■ 79, 8.426, 192.023

■ 80, 1.254, 193.118

■ 82, 6.171, 13.327

Harmonies

Complementary

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



73, 42.367, 186.601



44, 71.307, 29.519

Rectangle

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



73, 42.367, 186.601



73, 42.367, 236.601



73, 42.367, 6.601



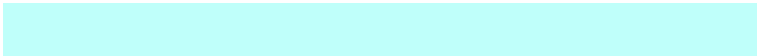
73, 42.367, 56.601

Sweetspot

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



73, 42.367, 186.600



96, 21.168, 190.993



71, 92.051, 136.106



51, 14.282, 190.729



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, 42.367, 186.600



91, 53.723, 184.927



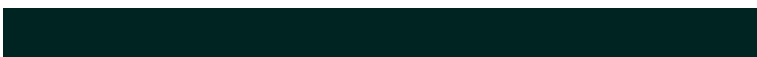
53, 42.946, 266.128



41, 4.085, 192.208



60, 38.521, 185.034



12, 13.689, 187.398

Inverse Universe

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



44, 71.307, 29.519



53, 100.078, 36.958



54, 62.021, 57.478



39, 4.295, 13.489



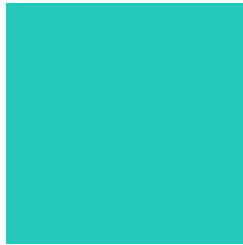
34, 71.512, 36.432



3, 15.941, 15.282

Previews

White Background



This preview shows how the CIELCh color 73, 42.367, 186.601 looks on a white background.

Color Contrast Check

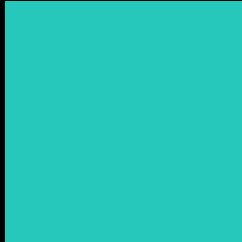
Large Text (above 18pt) WCAG AA × Fail

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, 42.367, 186.601 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

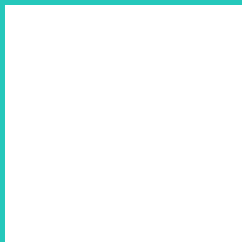
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 42.367, 186.601

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.367, 186.601.

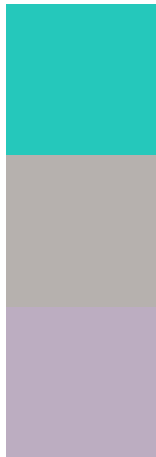


This preview shows how white text looks on a background with the CIELCh color 73, 42.367, 186.601.

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

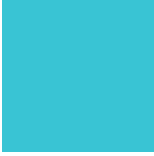
73, 42.367, 186.601

Protanopia

73, 2.478, 60.268

Deuteranopia

73, 12.245, 317.718



Tritanopia
73, 36.091, 211.033

Trichromacy



Original Color
73, 42.367, 186.601



Protanomaly
71, 19.676, 188.211



Deuteranomaly
71, 17.234, 212.935

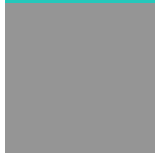


Tritanomaly
73, 37.548, 201.738

Monochromacy



Original Color
73, 42.367, 186.601



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 20.445, 191.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.367, 186.601 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(37, 200, 187)` looks like.

```
.text, #text, p{  
    color:rgb(37, 200, 187)  
}
```

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(37, 200, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 200, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.367, 186.601 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(37, 200, 187) }
```

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

```
.border{ border-color:rgb(37, 200, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 200, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 200, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 200, 187);  
box-shadow:4px 4px 4px 4px rgb(37, 200,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.367, 186.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 200, 187) }
```

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

```
.background{ background-color: rgb(37, 200,  
187) }
```

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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