

Converting Colors

CIELCh(73, 32.352, 205.873)

Have a look what the booklet for
CIELCh(73, 32.352, 205.873)
contains.

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Color

CIELCh(73, 32.352, 205.873)

Conversions

Conversions Part 1

Format	Color
Hex	52C3CC
RGB	82, 195, 204
RGB Percent	32%, 76%, 80%
CMY	0.6786, 0.2354, 0.2001
CMYK	0.60, 0.04, 0.00, 0.20
HSL	184°, 54%, 56%
HSV	184°, 60%, 80%
XYZ	33.8781, 45.1644, 64.0365
YIQ	162.2390, -70.2370, -21.1570

Conversions

Conversions Part 2

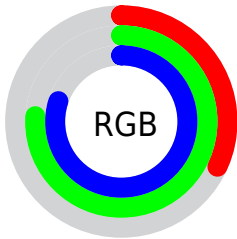
Format	Color
RYB	82, 141, 204
Decimal	5424076
CIELab	73.00, -29.11, -14.12
CIELCh	73, 32.352, 205.873
Yxy	45.1644, 0.2368, 0.3157
Android (android.graphics.Color)	4283614156 (0xFF52C3CC)
YUV	162.2390, 20.5882, -70.3696
Hunter-Lab	67.2044, -27.6249, -9.4520

Details

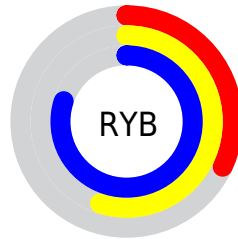
The CIELCh color **73, 32.352, 205.873** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **53, 51.916, 31.633**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 32.610, 200.161**, and **53, 31.235, 206.316** is the 20% darker color. If you saturate the color by 10%, you get **72, 35.190, 206.351**, and if you desaturate by 10%, it is **74, 28.632, 205.580**.

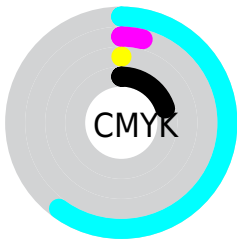
Distribution



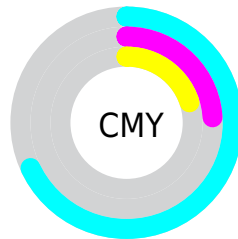
- Red (32%)
- Green (76%)
- Blue (80%)



- Red (32%)
- Yellow (55%)
- Blue (80%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)





- Cyan (68%)
- Magenta (24%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 32.352, 205.873 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, 32.352, 205.873 by changing the saturation by 10% instead.


 73, 32.352,
205.873


 73, 32.352,
205.873


 100, 32.352,
205.873


 63, 32.352,
205.873


 93, 32.352,
205.873

 53, 32.352,
205.873

 43, 32.352,
205.873

 33, 32.352,
205.873

 23, 32.352,
205.873

 13, 32.352,
205.873

 3, 32.352, 205.873

■ 0, 32.352, 205.873

■ 73, 32.352,
205.873

■ 73, 32.352,
205.873

■ 72, 35.190,
206.351

■ 74, 28.632,
205.580

■ 71, 37.126,
207.046

■ 75, 24.099,
205.451

■ 71, 38.195,
207.979

■ 77, 18.846,
205.460

■ 70, 38.582,
209.131

■ 78, 12.983,
205.587

■ 70, 38.588,
209.153

■ 80, 6.623, 205.834

■ 82, 0.129, 21.637

■ 84, 7.175, 26.281

■ 86, 14.435, 26.696

■ 87, 17.764, 28.250

Harmonies

Complementary

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



73, 32.352, 205.873



53, 51.916, 31.633

Rectangle

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



73, 32.352, 205.873



73, 32.352, 255.873



73, 32.352, 25.873



73, 32.352, 75.873

Sweetspot

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



73, 32.352, 205.871



96, 14.210, 205.618



73, 73.198, 140.910



51, 9.780, 205.563



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, 32.352, 205.871



88, 42.470, 206.544



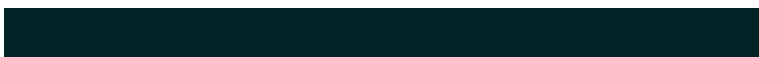
56, 41.185, 274.712



42, 3.833, 205.848



58, 33.110, 208.947



12, 12.526, 206.138

Inverse Universe

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



55, 71.844, 329.792



64, 97.703, 330.394



66, 45.305, 74.219



40, 7.168, 326.999



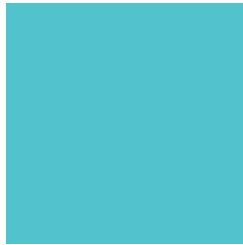
39, 79.042, 331.376



5, 27.366, 330.019

Previews

White Background



This preview shows how the CIELCh color 73, 32.352, 205.873 looks on a white background.

Color Contrast Check

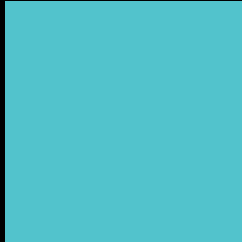
Large Text (above 18pt) WCAG AA × Fail

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, 32.352, 205.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

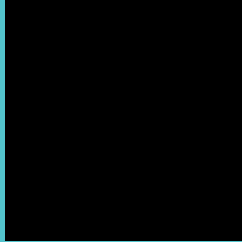
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 32.352, 205.873

Background



This preview shows how black text looks on a background with the CIELCh color 73, 32.352, 205.873.



This preview shows how white text looks on a background with the CIELCh color 73, 32.352, 205.873.

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, 32.352, 205.873

Protanopia
73, 8.161, 290.973

Deuteranopia
73, 19.215, 298.220

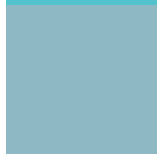


Tritanopia
73, 31.767, 213.291

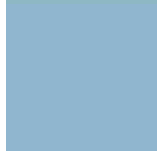
Trichromacy



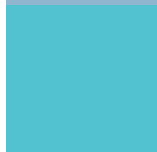
Original Color
73, 32.352, 205.873



Protanomaly
72, 15.424, 223.623



Deuteranomaly
72, 18.129, 247.707

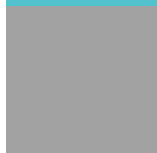


Tritanomaly
73, 31.901, 211.138

Monochromacy



Original Color
73, 32.352, 205.873



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 14.351, 204.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 32.352, 205.873 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(82, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 195, 204)  
}
```

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(82, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 195, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 32.352, 205.873 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(82, 195, 204) }
```

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

```
.border{ border-color:rgb(82, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 195,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 32.352, 205.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 195, 204) }
```

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

```
.background{ background-color: rgb(82, 195,  
204) }
```

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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