

Converting Colors

CIELCh(71, 38.749, 204.816)

Have a look what the booklet for
CIELCh(71, 38.749, 204.816)
contains.

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Color

CIELCh(71, 38.730, 204.820)

Conversions

Conversions Part 1

Format	Color
Hex	14C0CA
RGB	20, 192, 202
RGB Percent	8%, 75%, 79%
CMY	0.9231, 0.2464, 0.2072
CMYK	0.90, 0.05, 0.00, 0.21
HSL	183°, 82%, 43%
HSV	183°, 90%, 79%
XYZ	29.8456, 42.1875, 62.5482
YIQ	141.7120, -105.7220, -33.3540

Conversions

Conversions Part 2

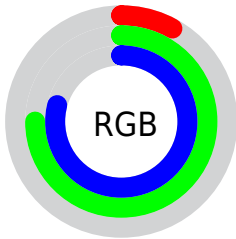
Format	Color
R_{YB}	20, 108, 202
Decimal	1360074
CIE _{Lab}	71.00, -35.15, -16.26
CIE _{LCh}	71, 38.730, 204.820
Yxy	42.1875, 0.2218, 0.3135
Android (android.graphics.Color)	4279550154 (0xFF14C0CA)
YUV	141.7120, 29.7220, -106.7414
Hunter-Lab	64.9519, -31.6445, -11.6295

Details

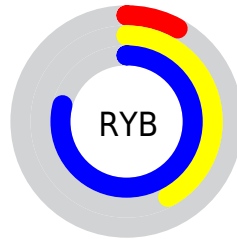
The CIELCh color **71, 38.730, 204.820** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **44, 81.132, 38.453**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 38.958, 201.666**, and **52, 30.682, 207.676** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.131, 205.600**, and if you desaturate by 10%, it is **72, 37.656, 204.174**.

Distribution



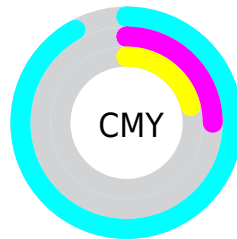
- Red (8%)
- Green (75%)
- Blue (79%)



- Red (8%)
- Yellow (42%)
- Blue (79%)



- Cyan (90%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)





- Cyan (92%)
- Magenta (25%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.730, 204.820 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 71, 38.730, 204.820 by changing the saturation by 10% instead.


 71, 38.730,
204.820


 71, 38.730,
204.820


 100, 38.730,
204.820


 61, 38.730,
204.820


 91, 38.730,
204.820

 51, 38.730,
204.820

 41, 38.730,
204.820

 31, 38.730,
204.820

 21, 38.730,
204.820

 11, 38.730,
204.820

 1, 38.730, 204.820

■ 0, 38.730, 204.820

■ 71, 38.730,
204.820

■ 71, 38.730,
204.820

■ 71, 39.131,
205.600

■ 72, 37.656,
204.174

■ 72, 35.719,
203.714

■ 73, 32.878,
203.426

■ 74, 29.151,
203.290

■ 75, 24.601,
203.289

■ 76, 19.322,
203.406

■ 78, 13.422,
203.625

■ 80, 7.014, 203.948

■ 81, 0.209, 206.903

Harmonies

Complementary

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



71, 38.730, 204.820



44, 81.132, 38.453

Rectangle

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



71, 38.730, 204.820



71, 38.730, 254.820



71, 38.730, 24.820



71, 38.730, 74.820

Sweetspot

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



71, 38.729, 204.819



95, 21.025, 203.460



71, 96.639, 136.997



50, 13.978, 203.397



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 38.729, 204.819



87, 46.571, 205.736



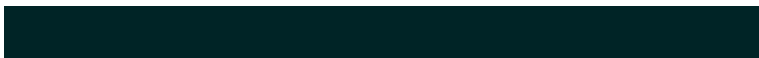
44, 60.440, 284.802



42, 3.901, 203.984



59, 33.793, 205.460



12, 12.750, 203.466

Inverse Universe

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



48, 91.224, 330.284



60, 110.615, 330.586



58, 66.290, 67.210



40, 7.262, 326.447



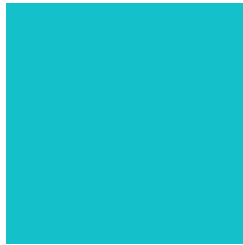
39, 80.220, 330.518



5, 27.792, 329.331

Previews

White Background



This preview shows how the CIELCh color 71, 38.730, 204.820 looks on a white background.

Color Contrast Check

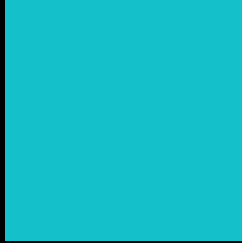
Large Text (above 18pt) WCAG AA × Fail

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 71, 38.730, 204.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

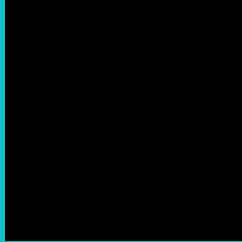
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

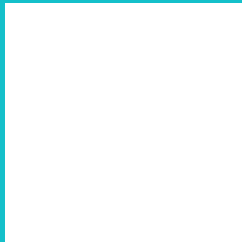
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 38.730, 204.820

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.730, 204.820.

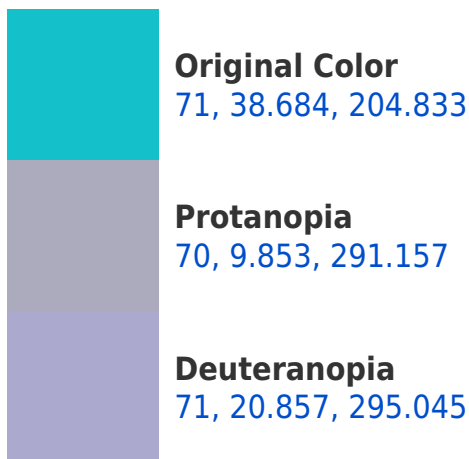


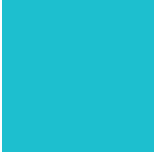
This preview shows how white text looks on a background with the CIELCh color 71, 38.730, 204.820.

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
71, 37.751, 210.320

Trichromacy



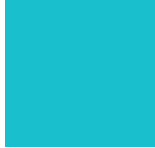
Original Color
71, 38.684, 204.833



Protanomaly
69, 21.490, 220.662



Deuteranomaly
69, 23.604, 239.246



Tritanomaly
71, 37.989, 208.477

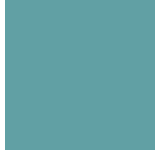
Monochromacy



Original Color
71, 38.684, 204.833



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 20.938, 203.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.730, 204.820 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(20, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(20, 192, 202)  
}
```

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(20, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 192, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.730, 204.820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

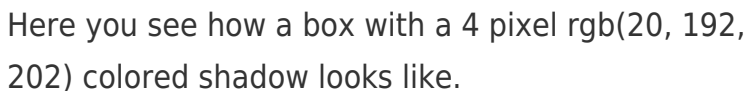
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(20, 192, 202) }
```

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

```
.border{ border-color:rgb(20, 192, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(20, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(20, 192,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.730, 204.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 192, 202) }
```

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

```
.background{ background-color: rgb(20, 192,  
202) }
```

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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