

Converting Colors

CIELCh(74, 32.852, 206.306)

Have a look what the booklet for
CIELCh(74, 32.852, 206.306)
contains.

CIELCh(74, 32.937, 206.653)	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(74, 32.937, 206.653)

Conversions

Conversions Part 1

Format	Color
Hex	52C6D0
RGB	82, 198, 208
RGB Percent	32%, 78%, 82%
CMY	0.6787, 0.2237, 0.1845
CMYK	0.61, 0.05, 0.00, 0.18
HSL	185°, 57%, 57%
HSV	185°, 61%, 82%
XYZ	35.0327, 46.7039, 66.8058
YIQ	164.4560, -72.3460, -21.4820

Conversions

Conversions Part 2

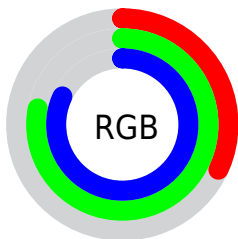
Format	Color
RYB	82, 142, 208
Decimal	5424848
CIELab	74.00, -29.44, -14.78
CIELCh	74, 32.937, 206.653
Yxy	46.7039, 0.2358, 0.3144
Android (android.graphics.Color)	4283614928 (0xFF52C6D0)
YUV	164.4560, 21.4672, -72.3139
Hunter-Lab	68.3403, -28.0925, -10.1206

Details

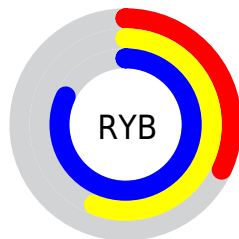
The CIELCh color **74, 32.937, 206.653** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 53.357, 32.145**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 33.553, 197.356**, and **54, 31.668, 207.236** is the 20% darker color. If you saturate the color by 10%, you get **73, 35.725, 207.211**, and if you desaturate by 10%, it is **75, 29.252, 206.294**.

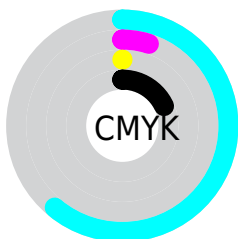
Distribution



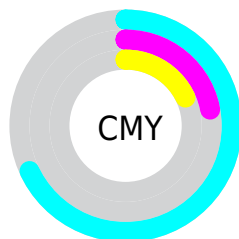
- Red (32%)
- Green (78%)
- Blue (82%)



- Red (32%)
- Yellow (56%)
- Blue (82%)



- Cyan (61%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)





- Cyan (68%)
- Magenta (22%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.937, 206.653 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, 32.937, 206.653 by changing the saturation by 10% instead.


 74, 32.937,
206.653

 74, 32.937,
206.653


 100, 32.937,
206.653


 64, 32.937,
206.653


 94, 32.937,
206.653

 54, 32.937,
206.653

 44, 32.937,
206.653

 34, 32.937,
206.653

 24, 32.937,
206.653

 14, 32.937,
206.653

 4, 32.937, 206.653

■ 0, 32.937, 206.653

■ 74, 32.937,
206.653

■ 74, 32.937,
206.653

■ 73, 35.725,
207.211

■ 75, 29.252,
206.294

■ 72, 37.599,
208.003

■ 76, 24.736,
206.110

■ 71, 38.601,
209.051

■ 78, 19.483,
206.074

■ 71, 38.932,
210.249

■ 80, 13.604,
206.163

■ 81, 7.212, 206.374

■ 83, 0.416, 207.921

■ 85, 6.687, 26.768

■ 88, 14.012, 27.167

■ 89, 16.080, 29.460

Harmonies

Complementary

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



74, 32.937, 206.653



54, 53.357, 32.145

Rectangle

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



74, 32.937, 206.653



74, 32.937, 256.653



74, 32.937, 26.653



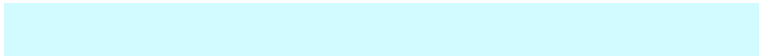
74, 32.937, 76.653

Sweetspot

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



74, 32.937, 206.651



96, 14.138, 206.201



75, 75.160, 140.803



51, 9.730, 206.155



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, 32.937, 206.651



87, 42.495, 207.443



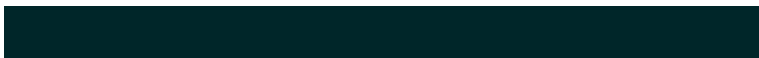
56, 42.386, 274.987



43, 3.891, 206.409



58, 33.299, 210.023



13, 12.934, 207.143

Inverse Universe

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



56, 73.431, 330.025



63, 98.121, 330.646



67, 46.662, 74.092



41, 7.287, 327.166



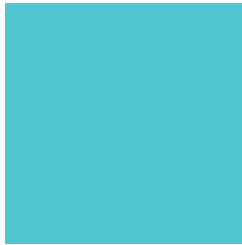
39, 79.584, 331.640



5, 29.283, 330.554

Previews

White Background



This preview shows how the CIELCh color 74, 32.937, 206.653 looks on a white background.

Color Contrast Check

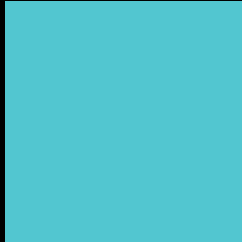
Large Text (above 18pt) WCAG AA × Fail

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, 32.937, 206.653 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, 32.937, 206.653

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.937, 206.653.

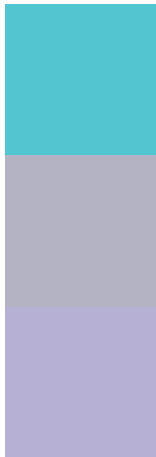


This preview shows how white text looks on a background with the CIELCh color 74, 32.937, 206.653.

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, 32.937, 206.653

Protanopia

73, 9.228, 291.066

Deuteranopia

73, 20.294, 298.918



Tritanopia
74, 32.371, 212.918

Trichromacy



Original Color
74, 32.937, 206.653



Protanomaly
73, 15.794, 227.410



Deuteranomaly
73, 18.856, 250.174

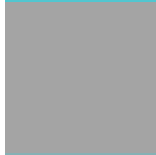


Tritanomaly
74, 32.510, 210.813

Monochromacy



Original Color
74, 32.937, 206.653



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 14.666, 206.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.937, 206.653 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, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(82, 198, 208)  
}
```

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, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 198, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.937, 206.653 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, 198, 208) }
```

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

```
.border{ border-color:rgb(82, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(82, 198,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.937, 206.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 198, 208) }
```

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

```
.background{ background-color: rgb(82, 198,  
208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor