

Converting Colors

CIELCh(74, 36.571, 202.903)

Have a look what the booklet for
CIELCh(74, 36.571, 202.903)
contains.

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Color

CIELCh(74, 36.565, 202.826)

Conversions

Conversions Part 1

Format	Color
Hex	3EC8CF
RGB	62, 200, 207
RGB Percent	24%, 78%, 81%
CMY	0.7582, 0.2166, 0.1892
CMYK	0.70, 0.03, 0.00, 0.19
HSL	183°, 60%, 53%
HSV	183°, 70%, 81%
XYZ	33.7974, 46.7039, 66.1121
YIQ	159.5360, -84.4950, -27.0790

Conversions

Conversions Part 2

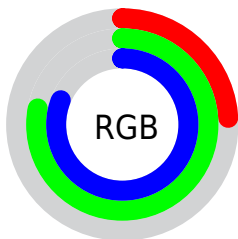
Format	Color
RYB	62, 133, 207
Decimal	4114639
CIELab	74.00, -33.70, -14.18
CIELCh	74, 36.565, 202.826
Yxy	46.7039, 0.2305, 0.3186
Android (android.graphics.Color)	4282304719 (0xFF3EC8CF)
YUV	159.5360, 23.3998, -85.5391
Hunter-Lab	68.3403, -31.3192, -9.5187




Details

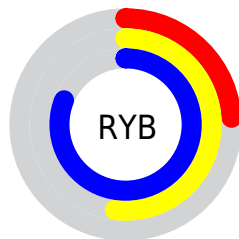
The CIELCh color **74, 36.565, 202.826** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **49, 64.101, 32.650**, and the grayscale version is **66, 0.008, 296.813**.




A 20% lighter version of the original color is **93, 36.655, 197.170**, and **55, 31.966, 204.957** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.562, 203.205**, and if you desaturate by 10%, it is **75, 33.643, 202.602**.

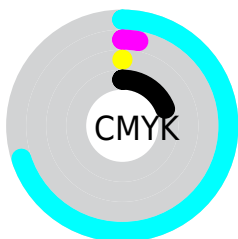
Distribution







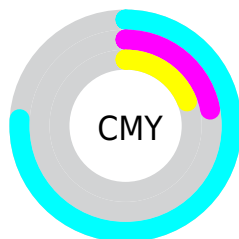
-  Red (24%)
-  Green (78%)
-  Blue (81%)






-  Red (24%)
-  Yellow (52%)
-  Blue (81%)



-  Cyan (70%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (19%)





-  Cyan (76%)
-  Magenta (22%)
-  Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 36.565, 202.826 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, 36.565, 202.826 by changing the saturation by 10% instead.


 74, 36.565,
202.826

 74, 36.565,
202.826


 100, 36.565,
202.826


 64, 36.565,
202.826


 94, 36.565,
202.826

 54, 36.565,
202.826

 44, 36.565,
202.826

 34, 36.565,
202.826

 24, 36.565,
202.826

 14, 36.565,
202.826

 4, 36.565, 202.826

■ 0, 36.565, 202.826

■ 74, 36.565,
202.826

■ 74, 36.565,
202.826

■ 73, 38.562,
203.205

■ 75, 33.643,
202.602

■ 73, 39.676,
203.753

■ 76, 29.815,
202.521

■ 72, 40.100,
204.435

■ 77, 25.145,
202.565

■ 78, 19.728,
202.720

■ 80, 13.675,
202.972

■ 81, 7.103, 203.325

■ 83, 0.125, 208.197

■ 85, 7.161, 23.960

■ 87, 14.666, 24.457

Harmonies

Complementary

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



74, 36.565, 202.826



49, 64.101, 32.650

Rectangle

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



74, 36.565, 202.826



74, 36.565, 252.826



74, 36.565, 22.826



74, 36.565, 72.826

Sweetspot

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



74, 36.564, 202.825



96, 16.815, 202.941



73, 85.661, 138.811



51, 11.272, 202.864



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, 36.564, 202.825



88, 45.922, 203.449



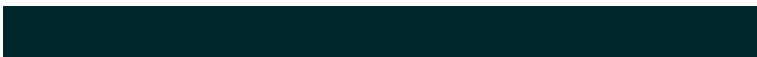
53, 46.390, 275.082



43, 4.006, 203.357



60, 34.436, 204.312



13, 13.319, 202.686

Inverse Universe

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



53, 82.910, 329.373



61, 107.202, 329.874



63, 53.756, 69.545



41, 7.445, 326.262



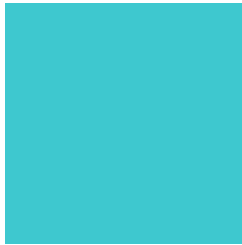
39, 81.539, 330.233



6, 29.993, 329.431

Previews

White Background



This preview shows how the CIE LCh color 74, 36.565, 202.826 looks on a white background.

Color Contrast Check

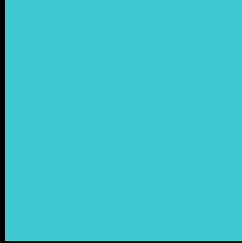
Large Text (above 18pt) WCAG AA × Fail

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, 36.565, 202.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

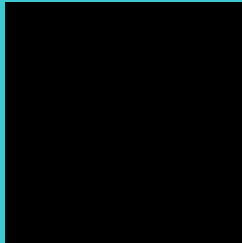
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

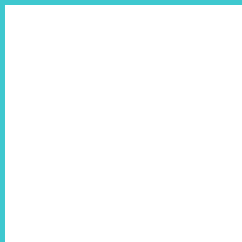
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 36.565, 202.826

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.565, 202.826.

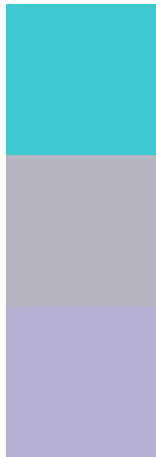


This preview shows how white text looks on a background with the CIELCh color 74, 36.565, 202.826.

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

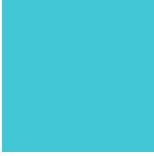
74, 36.565, 202.826

Protanopia

73, 8.157, 293.497

Deuteranopia

73, 19.756, 299.073

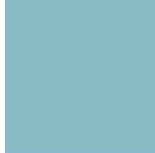


Tritanopia
74, 35.505, 211.288

Trichromacy



Original Color
74, 36.565, 202.826



Protanomaly
73, 17.631, 220.089



Deuteranomaly
73, 19.744, 242.336

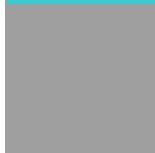


Tritanomaly
74, 35.807, 208.403

Monochromacy



Original Color
74, 36.565, 202.826



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 17.172, 201.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.565, 202.826 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(62, 200, 207)` looks like.

```
.text, #text, p{  
    color:rgb(62, 200, 207)  
}
```

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(62, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 200, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.565, 202.826 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(62, 200, 207) }
```

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

```
.border{ border-color:rgb(62, 200, 207) }
```

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

Here you see how a box with a 4 pixel rgb(62, 200, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(62, 200,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.565, 202.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 200, 207) }
```

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

```
.background{ background-color: rgb(62, 200,  
207) }
```

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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