

Converting Colors

CIELCh(74, 31.999, 205.326)

Have a look what the booklet for
CIELCh(74, 31.999, 205.326)
contains.

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Color

CIELCh(74, 32.104, 204.956)

Conversions

Conversions Part 1

Format	Color
Hex	57C6CE
RGB	87, 198, 206
RGB Percent	34%, 78%, 81%
CMY	0.6601, 0.2247, 0.1933
CMYK	0.58, 0.04, 0.00, 0.19
HSL	184°, 55%, 57%
HSV	184°, 58%, 81%
XYZ	35.1297, 46.7039, 65.3661
YIQ	165.7230, -68.7240, -21.0440

Conversions

Conversions Part 2

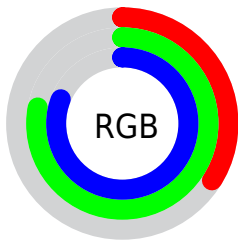
Format	Color
R _Y B	87, 144, 206
Decimal	5752526
CIE Lab	74.00, -29.11, -13.55
CIE LCh	74, 32.104, 204.956
Yxy	46.7039, 0.2387, 0.3173
Android (android.graphics.Color)	4283942606 (0xFF57C6CE)
YUV	165.7230, 19.8566, -69.0401
Hunter-Lab	68.3403, -27.8391, -8.8715

Details

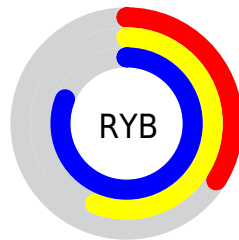
The CIELCh color **74, 32.104, 204.956** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 50.520, 30.854**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 32.611, 197.412**, and **54, 31.801, 205.013** is the 20% darker color. If you saturate the color by 10%, you get **73, 35.157, 205.329**, and if you desaturate by 10%, it is **75, 28.170, 204.751**.

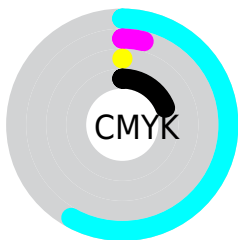
Distribution



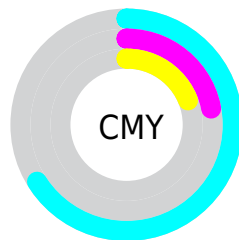
- Red (34%)
- Green (78%)
- Blue (81%)



- Red (34%)
- Yellow (56%)
- Blue (81%)



- Cyan (58%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)





- Cyan (66%)
- Magenta (22%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.104, 204.956 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, 32.104, 204.956 by changing the saturation by 10% instead.


 74, 32.104,
204.956


 74, 32.104,
204.956


 100, 32.104,
204.956


 64, 32.104,
204.956


 94, 32.104,
204.956

 54, 32.104,
204.956

 44, 32.104,
204.956

 34, 32.104,
204.956

 24, 32.104,
204.956

 14, 32.104,
204.956

 4, 32.104, 204.956

0, 32.104, 204.956

74, 32.104,
204.956

74, 32.104,
204.956

73, 35.157,
205.329

75, 28.170,
204.751

72, 37.297,
205.899

76, 23.428,
204.696

72, 38.548,
206.685

78, 17.978,
204.767

71, 39.032,
207.689

79, 11.933,
204.950

71, 39.096,
207.915

81, 5.404, 205.256

83, 1.500, 25.087

85, 8.686, 25.766

■ 87, 16.072, 26.200

■ 88, 17.094, 28.313

Harmonies

Complementary

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



74, 32.104, 204.956



54, 50.520, 30.854

Rectangle

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



74, 32.104, 204.956



74, 32.104, 254.956



74, 32.104, 24.956



74, 32.104, 74.956

Sweetspot

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



74, 32.104, 204.954



96, 13.544, 204.965



74, 71.642, 141.149



51, 9.002, 204.918



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, 32.104, 204.954



88, 41.924, 205.427



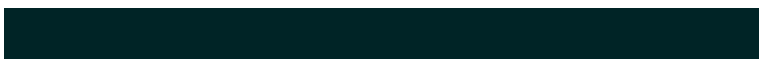
57, 40.117, 274.107



42, 3.856, 205.197



58, 33.334, 207.723



12, 12.601, 205.203

Inverse Universe

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



56, 70.752, 329.477



64, 95.575, 330.026



67, 44.043, 74.501



40, 7.200, 326.806



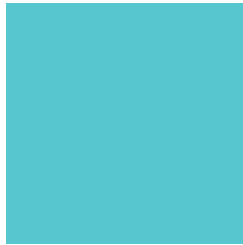
39, 79.447, 331.075



5, 27.513, 329.778

Previews

White Background



This preview shows how the CIE LCh color 74, 32.104, 204.956 looks on a white background.

Color Contrast Check

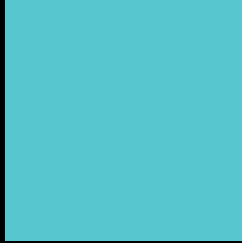
Large Text (above 18pt) WCAG AA × Fail

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, 32.104, 204.956 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

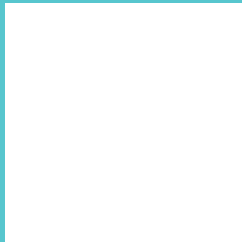
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 32.104, 204.956

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.104, 204.956.

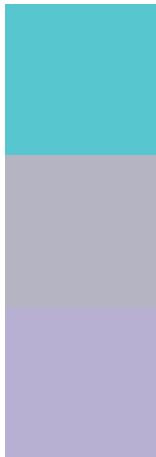


This preview shows how white text looks on a background with the CIELCh color 74, 32.104, 204.956.

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](#).

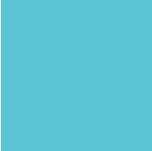
Dichromacy



Original Color
74, 32.104, 204.956

Protanopia
74, 7.594, 290.910

Deuteranopia
73, 18.733, 300.481



Tritanopia
74, 31.304, 213.536

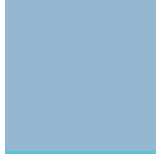
Trichromacy



Original Color
74, 32.104, 204.956



Protanomaly
73, 14.848, 224.659



Deuteranomaly
73, 17.135, 248.623

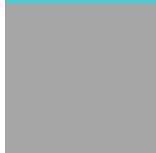


Tritanomaly
74, 31.425, 210.320

Monochromacy



Original Color
74, 32.104, 204.956



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 14.007, 205.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.104, 204.956 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(87, 198, 206)` looks like.

```
.text, #text, p{  
    color:rgb(87, 198, 206)  
}
```

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(87, 198, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 198, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.104, 204.956 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(87, 198, 206) }
```

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

```
.border{ border-color:rgb(87, 198, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 198, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 198, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 198, 206);  
box-shadow:4px 4px 4px 4px rgb(87, 198,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.104, 204.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 198, 206) }
```

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

```
.background{ background-color: rgb(87, 198,  
206) }
```

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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