

Converting Colors

CIELCh(74, 28.273, 208.295)

Have a look what the booklet for
CIELCh(74, 28.273, 208.295)
contains.

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Color

CIELCh(74, 28.349, 208.527)

Conversions

Conversions Part 1

Format	Color
Hex	67C4CE
RGB	103, 196, 206
RGB Percent	40%, 77%, 81%
CMY	0.5969, 0.2322, 0.1930
CMYK	0.50, 0.05, 0.00, 0.19
HSL	186°, 51%, 61%
HSV	186°, 50%, 81%
XYZ	36.3776, 46.7039, 65.3584
YIQ	169.3330, -58.6380, -16.6060

Conversions

Conversions Part 2

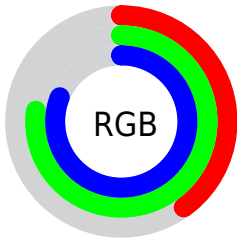
Format	Color
RYB	103, 152, 206
Decimal	6800590
CIELab	74.00, -24.91, -13.54
CIElCh	74, 28.349, 208.527
Yxy	46.7039, 0.2451, 0.3146
Android (android.graphics.Color)	4284990670 (0xFF67C4CE)
YUV	169.3330, 18.0768, -58.1740
Hunter-Lab	68.3403, -24.5798, -8.8648

Details

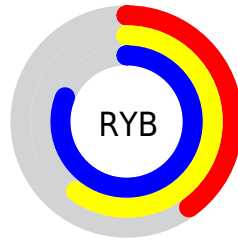
The CIELCh color **74, 28.349, 208.527** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 41.706, 31.618**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 28.485, 199.754**, and **54, 28.322, 208.787** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.997, 209.035**, and if you desaturate by 10%, it is **75, 23.893, 208.216**.

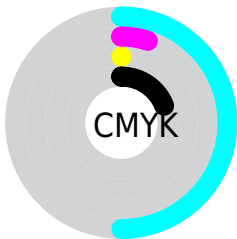
Distribution



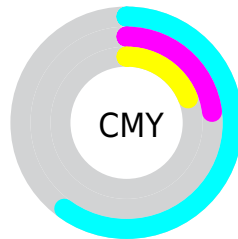
- Red (40%)
- Green (77%)
- Blue (81%)



- Red (40%)
- Yellow (60%)
- Blue (81%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (23%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.349, 208.527 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, 28.349, 208.527 by changing the saturation by 10% instead.

 74, 28.349,
208.527

 74, 28.349,
208.527


 100, 28.349,
208.527


 64, 28.349,
208.527

 94, 28.349,
208.527

 54, 28.349,
208.527

 44, 28.349,
208.527

 34, 28.349,
208.527

 24, 28.349,
208.527

 14, 28.349,
208.527

 4, 28.349, 208.527

0, 28.349, 208.527

74, 28.349,
208.527

74, 28.349,
208.527

73, 31.997,
209.035

75, 23.893,
208.216

72, 34.773,
209.781

77, 18.726,
208.075

71, 36.654,
210.803

79, 12.955,
208.075

70, 37.677,
212.134

81, 6.690, 208.211

69, 38.039,
213.743

83, 0.038, 223.411

85, 6.912, 28.471

87, 14.076, 28.809

■ 88, 16.623, 31.236

■ 89, 16.129, 35.231

Harmonies

Complementary

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



74, 28.349, 208.527



58, 41.706, 31.618

Rectangle

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



74, 28.349, 208.527



74, 28.349, 258.527



74, 28.349, 28.527



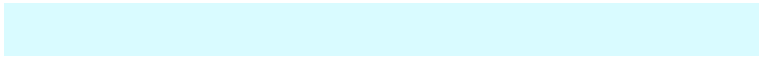
74, 28.349, 78.527

Sweetspot

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



74, 28.349, 208.525



96, 11.708, 208.122



75, 62.278, 142.544



51, 7.936, 208.098



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, 28.349, 208.525



88, 37.870, 209.078



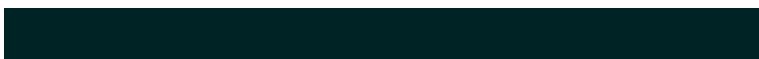
60, 35.509, 273.369



42, 3.754, 208.226



57, 32.424, 213.446



11, 12.286, 209.564

Inverse Universe

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



59, 61.318, 330.072



67, 84.750, 330.652



70, 38.038, 77.177



40, 7.053, 327.698



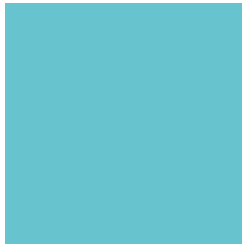
38, 77.622, 332.478



5, 26.848, 330.902

Previews

White Background



This preview shows how the CIE LCh color 74, 28.349, 208.527 looks on a white background.

Color Contrast Check

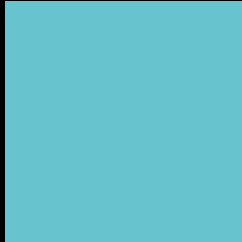
Large Text (above 18pt) WCAG AA × Fail

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, 28.349, 208.527 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, 28.349, 208.527

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.349, 208.527.



This preview shows how white text looks on a background with the CIELCh color 74, 28.349, 208.527.

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, 28.349, 208.527

Protanopia
74, 8.677, 291.011

Deuteranopia
73, 18.733, 300.481



Tritanopia
74, 28.104, 215.668

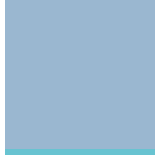
Trichromacy



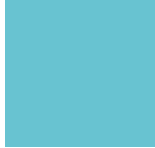
Original Color
74, 28.349, 208.527



Protanomaly
74, 13.650, 232.635



Deuteranomaly
73, 16.410, 255.110

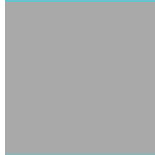


Tritanomaly
74, 27.993, 213.372

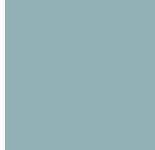
Monochromacy



Original Color
74, 28.349, 208.527



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 12.047, 206.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.349, 208.527 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(103, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(103, 196, 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(103, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 196, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.349, 208.527 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(103, 196, 206) }
```

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

```
.border{ border-color:rgb(103, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(103, 196,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.349, 208.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 196, 206) }
```

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

```
.background{ background-color: rgb(103,  
196, 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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