

Converting Colors

CIELCh(74, 31.326, 213.513)

Have a look what the booklet for
CIELCh(74, 31.326, 213.513)
contains.

CIELCh(74, 31.486, 213.427)	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, 31.486, 213.427)

Conversions

Conversions Part 1

Format	Color
Hex	59C5D5
RGB	89, 197, 213
RGB Percent	35%, 77%, 84%
CMY	0.6522, 0.2285, 0.1658
CMYK	0.58, 0.08, 0.00, 0.17
HSL	188°, 59%, 59%
HSV	188°, 58%, 83%
XYZ	35.9671, 46.7039, 69.8824
YIQ	166.5320, -69.5040, -17.9200

Conversions

Conversions Part 2

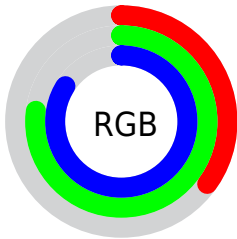
Format	Color
RYB	89, 147, 213
Decimal	5883349
CIELab	74.00, -26.28, -17.34
CIELCh	74, 31.486, 213.427
Yxy	46.7039, 0.2358, 0.3061
Android (android.graphics.Color)	4284073429 (0xFF59C5D5)
YUV	166.5320, 22.9087, -67.9956
Hunter-Lab	68.3403, -25.6520, -12.7897

Details

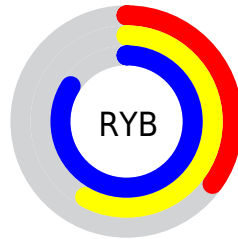
The CIELCh color **74, 31.486, 213.427** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **57, 50.250, 35.057**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 31.808, 198.397**, and **54, 31.363, 212.957** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.437, 214.501**, and if you desaturate by 10%, it is **76, 27.672, 212.649**.

Distribution



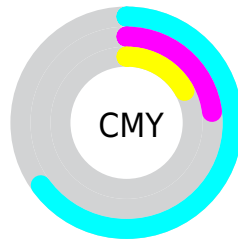
- Red (35%)
- Green (77%)
- Blue (84%)



- Red (35%)
- Yellow (58%)
- Blue (84%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)





- Cyan (65%)
- Magenta (23%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 31.486, 213.427 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, 31.486, 213.427 by changing the saturation by 10% instead.


 74, 31.486,
213.427

 74, 31.486,
213.427


 100, 31.486,
213.427


 64, 31.486,
213.427


 94, 31.486,
213.427

 54, 31.486,
213.427

 44, 31.486,
213.427

 34, 31.486,
213.427

 24, 31.486,
213.427

 14, 31.486,
213.427

 4, 31.486, 213.427

0, 31.486, 213.427

74, 31.486,
213.427

74, 31.486,
213.427

73, 34.437,
214.501

76, 27.672,
212.649

71, 36.497,
215.931

77, 23.070,
212.120

70, 37.698,
217.767

79, 17.777,
211.795

69, 38.180,
220.024

81, 11.903,
211.641

69, 38.238,
220.423

83, 5.557, 211.653

86, 1.159, 31.105

88, 8.157, 31.669

■ 90, 13.913, 33.019

■ 91, 13.332, 39.782

Harmonies

Complementary

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



74, 31.486, 213.427



57, 50.250, 35.057

Rectangle

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



74, 31.486, 213.427



74, 31.486, 263.427



74, 31.486, 33.427



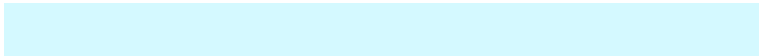
74, 31.486, 83.427

Sweetspot

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



74, 31.485, 213.425



96, 12.851, 211.633



76, 71.675, 142.440



50, 8.541, 211.648



0, 0.000, 0.000



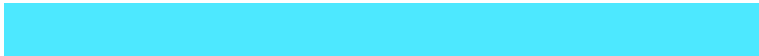
53, 0.007, 296.813

Same Dimension

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



74, 31.485, 213.425



85, 40.150, 214.813



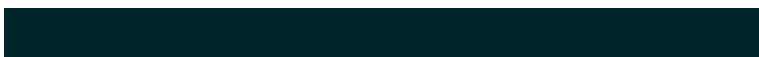
57, 44.672, 278.709



44, 3.808, 211.641



56, 32.504, 220.013



13, 12.920, 215.170

Inverse Universe

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



57, 70.155, 331.681



64, 92.494, 332.417



71, 46.635, 78.971



42, 7.181, 328.697



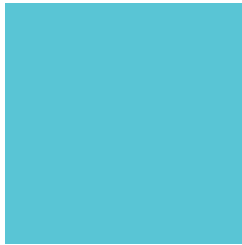
39, 77.424, 334.096



6, 29.981, 332.734

Previews

White Background



This preview shows how the CIELCh color 74, 31.486, 213.427 looks on a white background.

Color Contrast Check

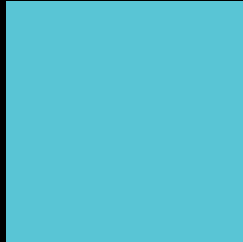
Large Text (above 18pt) WCAG AA × Fail

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, 31.486, 213.427 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, 31.486, 213.427

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.486, 213.427.



This preview shows how white text looks on a background with the CIELCh color 74, 31.486, 213.427.

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

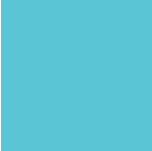
74, 31.486, 213.427

Protanopia

73, 11.938, 289.623

Deuteranopia

74, 21.763, 294.917

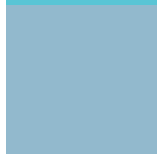


Tritanopia
74, 31.486, 213.427

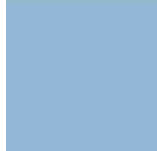
Trichromacy



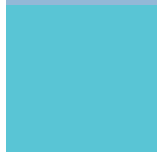
Original Color
74, 31.486, 213.427



Protanomaly
73, 16.614, 239.704



Deuteranomaly
73, 20.278, 255.361

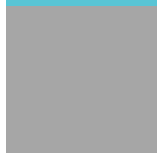


Tritanomaly
74, 31.486, 213.427

Monochromacy



Original Color
74, 31.486, 213.427



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 13.820, 212.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.486, 213.427 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(89, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(89, 197, 213)  
}
```

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(89, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 197, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.486, 213.427 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(89, 197, 213) }
```

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

```
.border{ border-color:rgb(89, 197, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(89, 197,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.486, 213.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 197, 213) }
```

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

```
.background{ background-color: rgb(89, 197,  
213) }
```

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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