

Converting Colors

CIELCh(74, 30.188, 94.736)

Have a look what the booklet for
CIELCh(74, 30.188, 94.736) contains.

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Color

CIELCh(74, 30.093, 95.319)

Conversions

Conversions Part 1

Format	Color
Hex	C5B67F
RGB	197, 182, 127
RGB Percent	77%, 71%, 50%
CMY	0.2285, 0.2873, 0.5030
CMYK	0.00, 0.08, 0.36, 0.23
HSL	47°, 38%, 63%
HSV	47°, 36%, 77%
XYZ	43.4399, 46.7039, 26.7163
YIQ	180.2150, 26.5950, -13.9250

Conversions

Conversions Part 2

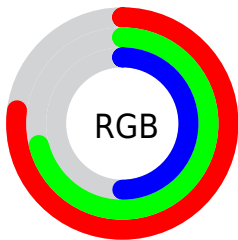
Format	Color
RYB	146, 197, 127
Decimal	12957311
CIELab	74.00, -2.79, 29.96
CIElCh	74, 30.093, 95.319
Yxy	46.7039, 0.3717, 0.3997
Android (android.graphics.Color)	4291147391 (0xFFC5B67F)
YUV	180.2150, -26.2350, 14.7204
Hunter-Lab	68.3403, -6.1335, 24.6599

Details

The CIELCh color **74, 30.093, 95.319** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 31.284, 284.833**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.335, 95.201**, and **54, 30.021, 95.132** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.505, 94.077**, and if you desaturate by 10%, it is **75, 21.596, 96.546**.

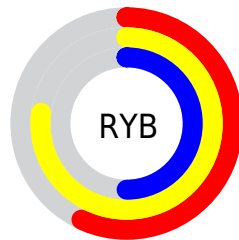
Distribution



Red (77%)

Green (71%)

Blue (50%)



Red (57%)

Yellow (77%)

Blue (50%)

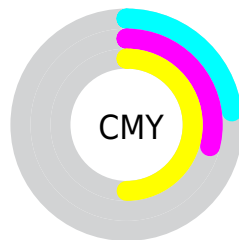


Cyan (0%)

Magenta (8%)

Yellow (36%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 30.093, 95.319 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, 30.093, 95.319 by changing the saturation by 10% instead.

■ 74, 30.093, 95.319

■ 74, 30.093, 95.319

■ 100, 30.093,
95.319

■ 64, 30.093, 95.319

■ 94, 30.093, 95.319

■ 54, 30.093, 95.319

■ 44, 30.093, 95.319

■ 34, 30.093, 95.319

■ 24, 30.093, 95.319

■ 14, 30.093, 95.319

■ 4, 30.093, 95.319

■ 0, 30.093, 95.319

■ 74, 30.093, 95.319

■ 74, 30.093, 95.319

73, 38.505, 94.077

75, 21.596, 96.546

71, 46.667, 92.812

77, 13.102, 97.737

70, 54.308, 91.525

79, 4.661, 98.875

69, 60.985, 90.203

80, 3.702, 280.075

67, 66.084, 88.806

82, 11.975,
281.121

66, 68.979, 87.262

83, 20.153,
282.145

66, 69.838, 86.551

85, 23.383,
280.506

86, 21.459,
275.438

87, 19.730,
269.472

Harmonies

Complementary

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



74, 30.093, 95.319



60, 31.284, 284.833

Rectangle

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



74, 30.093, 95.319



74, 30.093, 145.319



74, 30.093, 275.319



74, 30.093, 325.319

Sweetspot

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



74, 30.094, 95.324



98, 11.401, 98.247



61, 29.303, 6.172



52, 7.666, 98.089



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, 30.094, 95.324



92, 44.876, 94.317



76, 37.662, 119.068



41, 4.799, 98.451



55, 60.873, 86.807



11, 15.775, 91.161

Inverse Universe

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



60, 31.284, 284.833



71, 47.275, 286.496



57, 40.574, 303.748



39, 4.849, 280.687



23, 81.814, 301.704



3, 18.338, 285.520

Previews

White Background



This preview shows how the CIELCh color 74, 30.093, 95.319 looks on a white background.

Color Contrast Check

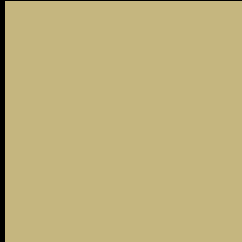
Large Text (above 18pt) WCAG AA × Fail

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, 30.093, 95.319 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, 30.093, 95.319

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.093, 95.319.



This preview shows how white text looks on a background with the CIELCh color 74, 30.093, 95.319.

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, 30.093, 95.319

Protanopia

74, 30.003, 96.101

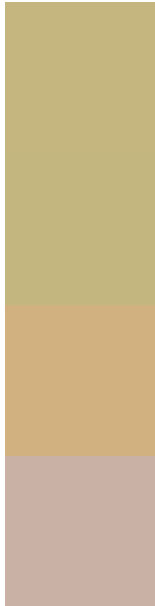
Deuteranopia

74, 31.060, 71.994



Tritanopia
74, 13.561, 346.755

Trichromacy



Original Color
74, 30.093, 95.319

Protanomaly
74, 30.003, 96.101

Deuteranomaly
74, 29.972, 80.028

Tritanomaly
74, 11.130, 52.086

Monochromacy



Original Color
74, 30.093, 95.319

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 10.953, 98.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.093, 95.319 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(197, 182, 127)` looks like.

```
.text, #text, p{  
    color:rgb(197, 182, 127)  
}
```

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(197, 182, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 182, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.093, 95.319 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(197, 182, 127) }
```

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

```
.border{ border-color:rgb(197, 182, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 182, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 182, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 182, 127);  
box-shadow:4px 4px 4px 4px rgb(197, 182,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.093, 95.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 182, 127) }
```

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

```
.background{ background-color: rgb(197,  
182, 127) }
```

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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