

Converting Colors

CIELCh(74, 30.416, 142.875)

Have a look what the booklet for
CIELCh(74, 30.416, 142.875)
contains.

CIELCh(74, 30.389, 142.876)	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, 30.389, 142.876)

Conversions

Conversions Part 1

Format	Color
Hex	93C193
RGB	147, 193, 147
RGB Percent	58%, 76%, 58%
CMY	0.4218, 0.2413, 0.4218
CMYK	0.24, 0.00, 0.24, 0.24
HSL	120°, 27%, 67%
HSV	120°, 24%, 76%
XYZ	36.5815, 46.7039, 34.8680
YIQ	174.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

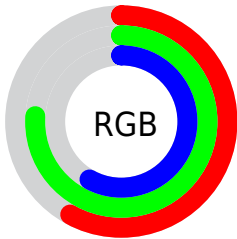
Format	Color
RYB	147, 193, 193
Decimal	9683347
CIELab	74.00, -24.23, 18.34
CIELCh	74, 30.389, 142.876
Yxy	46.7039, 0.3096, 0.3953
Android (android.graphics.Color)	4287873427 (0xFF93C193)
YUV	174.0020, -13.3120, -23.6808
Hunter-Lab	68.3403, -24.0472, 17.5877

Details

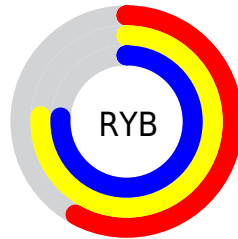
The CIELCh color $74, 30.389, 142.876$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $67, 30.404, 325.722$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 30.615, 142.673$, and $54, 30.371, 142.884$ is the 20% darker color. If you saturate the color by 10%, you get $73, 43.049, 142.019$, and if you desaturate by 10%, it is $76, 17.571, 143.617$.

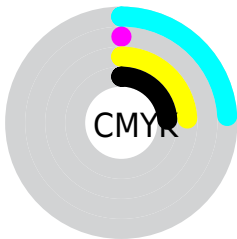
Distribution



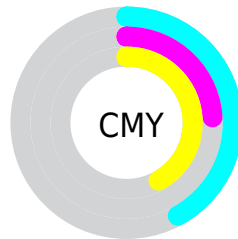
- Red (58%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)





- Cyan (42%)
- Magenta (24%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.389, 142.876 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, 30.389, 142.876 by changing the saturation by 10% instead.


 74, 30.389,
142.876


 74, 30.389,
142.876


 100, 30.389,
142.876


 64, 30.389,
142.876


 94, 30.389,
142.876

 54, 30.389,
142.876

 44, 30.389,
142.876

 34, 30.389,
142.876

 24, 30.389,
142.876

 14, 30.389,
142.876

 4, 30.389, 142.876

0, 30.389, 142.876

74, 30.389,
142.876

74, 30.389,
142.876

73, 43.049,
142.019

76, 17.571,
143.617

71, 55.278,
141.043

77, 4.793, 144.280

70, 66.736,
139.964

80, 7.799, 324.724

82, 20.104,
325.191

70, 77.003,
138.832

84, 32.061,
325.574

69, 85.591,
137.744

85, 38.597,
325.765

69, 91.994,
136.837

■ 68, 95.849,
136.247

■ 68, 97.303,
136.016

Harmonies

Complementary

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



74, 30.389, 142.876



67, 30.404, 325.722

Rectangle

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



74, 30.389, 142.876



74, 30.389, 192.876



74, 30.389, 322.876



74, 30.389, 12.876

Sweetspot

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



74, 30.391, 142.876



97, 11.022, 144.059



77, 24.038, 107.191



52, 7.224, 144.019



0, 0.000, 0.000



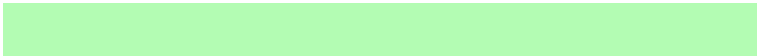
53, 0.007, 296.813

Same Dimension

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



74, 30.391, 142.876



93, 45.945, 142.405



74, 21.282, 160.678



40, 7.214, 143.913



57, 84.786, 136.015



10, 24.260, 144.094

Inverse Universe

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



67, 30.404, 325.722



82, 45.941, 326.023



66, 21.867, 344.837



38, 7.225, 324.927



38, 81.806, 328.228



4, 24.212, 326.355

Previews

White Background



This preview shows how the CIELCh color 74, 30.389, 142.876 looks on a white background.

Color Contrast Check

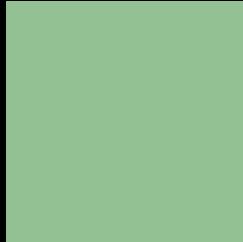
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 30.389, 142.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

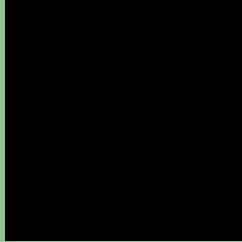
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.389, 142.876

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.389, 142.876.



This preview shows how white text looks on a background with the CIELCh color 74, 30.389, 142.876.

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](#).

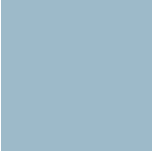
Dichromacy



Original Color
74, 30.389, 142.876

Protanopia
74, 21.535, 95.052

Deuteranopia
74, 18.986, 60.708



Tritanopia
74, 12.648, 238.983

Trichromacy



Original Color
74, 30.389, 142.876

Protanomaly
74, 22.859, 118.022

Deuteranomaly
73, 16.861, 100.395

Tritanomaly
74, 13.173, 181.619

Monochromacy



Original Color
74, 30.389, 142.876

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 11.306, 143.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.389, 142.876 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(147, 193, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 193, 147)  
}
```

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(147, 193, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 193, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.389, 142.876 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(147, 193, 147) }
```

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

```
.border{ border-color:rgb(147, 193, 147) }
```

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

Here you see how a box with a 4 pixel rgb(147, 193, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 193, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 193, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 193,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.389, 142.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 193, 147) }
```

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

```
.background{ background-color: rgb(147,  
193, 147) }
```

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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