

Converting Colors

CIELCh(74, 39.974, 128.406)

Have a look what the booklet for
CIELCh(74, 39.974, 128.406)
contains.

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Color

CIELCh(74, 39.932, 128.390)

Conversions

Conversions Part 1

Format	Color
Hex	9CC17B
RGB	156, 193, 123
RGB Percent	61%, 76%, 48%
CMY	0.3878, 0.2427, 0.5172
CMYK	0.19, 0.00, 0.36, 0.24
HSL	92°, 36%, 62%
HSV	92°, 36%, 76%
XYZ	36.4104, 46.7039, 25.8706
YIQ	173.9570, 0.4180, -29.6140

Conversions

Conversions Part 2

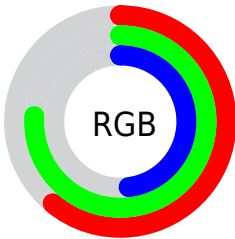
Format	Color
RYB	123, 193, 160
Decimal	10273147
CIELab	74.00, -24.80, 31.30
CIELCh	74, 39.932, 128.390
Yxy	46.7039, 0.3341, 0.4285
Android (android.graphics.Color)	4288463227 (0xFF9CC17B)
YUV	173.9570, -25.1218, -15.7483
Hunter-Lab	68.3403, -24.4942, 25.3936

Details

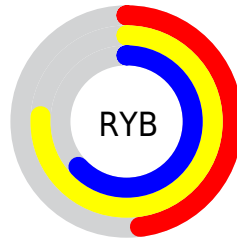
The CIELCh color **74, 39.932, 128.390** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 41.887, 311.784**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 40.308, 128.635**, and **54, 39.856, 128.513** is the 20% darker color. If you saturate the color by 10%, you get **73, 50.533, 127.932**, and if you desaturate by 10%, it is **75, 29.031, 128.874**.

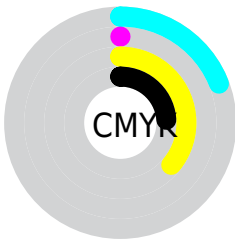
Distribution



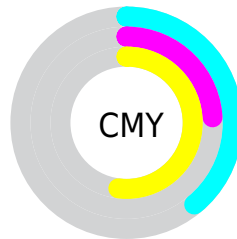
- Red (61%)
- Green (76%)
- Blue (48%)



- Red (48%)
- Yellow (76%)
- Blue (63%)



- Cyan (19%)
- Magenta (0%)
- Yellow (36%)
- Black (24%)




- Cyan (39%)
- Magenta (24%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 39.932, 128.390 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, 39.932, 128.390 by changing the saturation by 10% instead.

 74, 39.932,
128.390

 74, 39.932,
128.390


 100, 39.932,
128.390


 64, 39.932,
128.390


 94, 39.932,
128.390

 54, 39.932,
128.390

 44, 39.932,
128.390

 34, 39.932,
128.390

 24, 39.932,
128.390

 14, 39.932,
128.390

 4, 39.932, 128.390

0, 39.932, 128.390

74, 39.932,
128.390

74, 39.932,
128.390

73, 50.533,
127.932

75, 29.031,
128.874

72, 60.603,
127.547

76, 17.983,
129.352

72, 69.820,
127.313

77, 6.901, 129.814

71, 77.759,
127.339

79, 4.138, 310.183

70, 83.951,
127.753

80, 15.079,
310.586

70, 88.094,
128.641

81, 25.882,
310.934

83, 34.896,

■ 70, 89.362,
129.008

312.128

■ 84, 36.119,
317.464

■ 85, 37.623,
322.505

Harmonies

Complementary

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



74, 39.932, 128.390



58, 41.887, 311.784

Rectangle

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



74, 39.932, 128.390



74, 39.932, 178.390



74, 39.932, 308.390



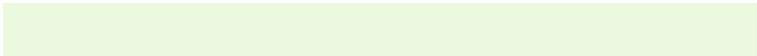
74, 39.932, 358.390

Sweetspot

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



74, 39.934, 128.391



97, 14.994, 129.588



68, 24.697, 72.631



51, 10.076, 129.525



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 39.934, 128.391



92, 59.361, 128.001



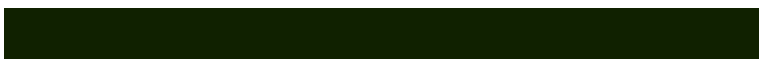
72, 45.539, 142.225



40, 6.283, 129.670



59, 77.792, 128.786



11, 21.323, 133.418

Inverse Universe

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



58, 41.887, 311.784



68, 63.040, 312.213



61, 45.487, 326.843



38, 6.363, 310.455



25, 87.695, 312.687



2, 20.318, 306.377

Previews

White Background



This preview shows how the CIELCh color 74, 39.932, 128.390 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, 39.932, 128.390 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, 39.932, 128.390

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.932, 128.390.



This preview shows how white text looks on a background with the CIELCh color 74, 39.932, 128.390.

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

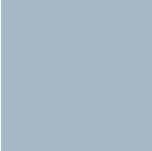
74, 39.932, 128.390

Protanopia

74, 34.315, 95.524

Deuteranopia

74, 31.252, 73.090



Tritanopia
74, 9.943, 254.139

Trichromacy



Original Color
74, 39.932, 128.390

Protanomaly
74, 34.538, 108.887

Deuteranomaly
74, 29.948, 96.867

Tritanomaly
74, 12.518, 154.751

Monochromacy



Original Color
74, 39.932, 128.390

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.112, 129.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.932, 128.390 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(156, 193, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 193, 123)  
}
```

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(156, 193, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 193, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.932, 128.390 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(156, 193, 123) }
```

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

```
.border{ border-color:rgb(156, 193, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 193, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 193, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 193, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 193,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.932, 128.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 193, 123) }
```

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

```
.background{ background-color: rgb(156,  
193, 123) }
```

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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