

Converting Colors

CIELCh(74, 13.261, 77.946)

Have a look what the booklet for
CIELCh(74, 13.261, 77.946) contains.

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Color

CIELCh(74, 13.405, 76.948)

Conversions

Conversions Part 1

Format	Color
Hex	C5B39E
RGB	197, 179, 158
RGB Percent	77%, 70%, 62%
CMY	0.2266, 0.2972, 0.3795
CMYK	0.00, 0.09, 0.20, 0.23
HSL	32°, 25%, 70%
HSV	32°, 20%, 77%
XYZ	45.4381, 46.7039, 39.0641
YIQ	181.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

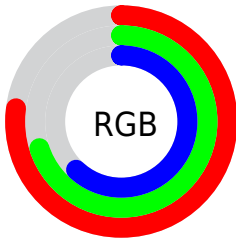
Format	Color
R_{YB}	191, 197, 158
Decimal	12956574
CIE _{Lab}	74.00, 3.03, 13.06
CIE _{LCh}	74, 13.405, 76.948
Yxy	46.7039, 0.3463, 0.3560
Android (android.graphics.Color)	4291146654 (0xFFC5B39E)
YUV	181.9880, -11.8261, 13.1655
Hunter-Lab	68.3403, -0.9145, 13.9473

Details

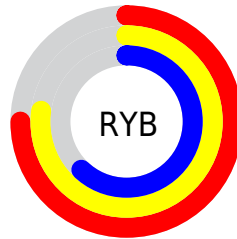
The CIELCh color $74, 13.405, 76.948$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 12.888, 262.353$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 13.324, 77.191$, and $54, 13.167, 75.257$ is the 20% darker color. If you saturate the color by 10%, you get $71, 20.597, 75.664$, and if you desaturate by 10%, it is $77, 6.494, 78.208$.

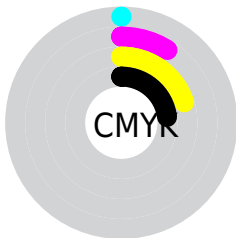
Distribution



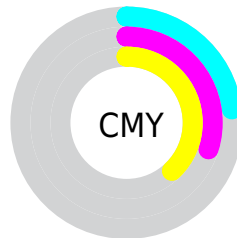
- Red (77%)
- Green (70%)
- Blue (62%)



- Red (75%)
- Yellow (77%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (23%)



- Cyan (23%)
- Magenta (30%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 13.405, 76.948 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, 13.405, 76.948 by changing the saturation by 10% instead.

 74, 13.405, 76.948

 74, 13.405, 76.948

 100, 13.405,
76.948

 64, 13.405, 76.948

 94, 13.405, 76.948

 54, 13.405, 76.948

 44, 13.405, 76.948

 34, 13.405, 76.948

 24, 13.405, 76.948

 14, 13.405, 76.948

 4, 13.405, 76.948

 0, 13.405, 76.948

 74, 13.405, 76.948

 74, 13.405, 76.948

71, 20.597, 75.664

77, 6.494, 78.208

69, 28.068, 74.343

80, 0.152, 261.700

66, 35.786, 72.994

83, 6.554, 260.761

63, 43.654, 71.603

85, 12.736,
261.900

61, 51.460, 70.122

88, 17.909,
261.387

59, 58.774, 68.445

56, 64.852, 66.355

91, 15.975,
242.504

54, 69.210, 63.734

93, 16.025,
221.553

54, 69.308, 63.680

95, 17.985,
203.213

96, 18.945,
198.254

Harmonies

Complementary

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



74, 13.405, 76.948



71, 12.888, 262.353

Rectangle

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



74, 13.405, 76.948



74, 13.405, 126.948



74, 13.405, 256.948



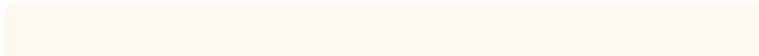
74, 13.405, 306.948

Sweetspot

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



74, 13.406, 76.958



98, 4.870, 78.639



69, 17.842, 347.258



52, 3.235, 78.564



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, 13.406, 76.958



92, 20.227, 76.369



79, 20.674, 109.691



41, 3.789, 78.255



45, 60.102, 64.232



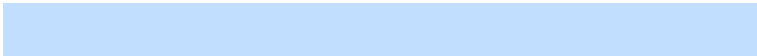
8, 13.017, 62.272

Inverse Universe

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



71, 12.888, 262.353



87, 19.244, 263.153



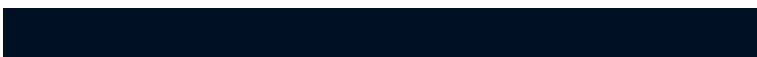
67, 21.635, 293.575



40, 3.729, 260.768



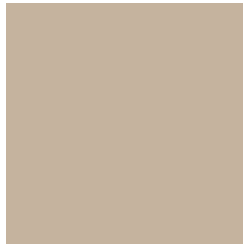
33, 55.267, 287.192



5, 14.645, 273.401

Previews

White Background



This preview shows how the CIELCh color 74, 13.405, 76.948 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, 13.405, 76.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

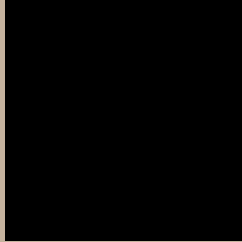
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 13.405, 76.948

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.405, 76.948.



This preview shows how white text looks on a background with the CIELCh color 74, 13.405, 76.948.

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, 13.405, 76.948

Protanopia

74, 12.368, 92.413

Deuteranopia

74, 15.818, 53.106



Tritanopia
74, 12.329, 342.658

Trichromacy



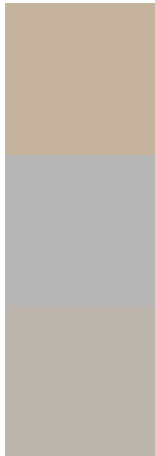
Original Color
74, 13.405, 76.948

Protanomaly
74, 12.431, 84.746

Deuteranomaly
74, 14.533, 61.648

Tritanomaly
74, 8.788, 16.592

Monochromacy



Original Color
74, 13.405, 76.948

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.057, 77.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.405, 76.948 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, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 158)  
}
```

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, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.405, 76.948 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, 179, 158) }
```

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

```
.border{ border-color:rgb(197, 179, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 158);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.405, 76.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 158) }
```

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

```
.background{ background-color: rgb(197,  
179, 158) }
```

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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