

Converting Colors

CIELCh(78, 0.569, 69.273)

Have a look what the booklet for
CIELCh(78, 0.569, 69.273) contains.

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Color

CIELCh(78, 0.638, 74.734)

Conversions

Conversions Part 1

Format	Color
Hex	C2C1C0
RGB	194, 193, 192
RGB Percent	76%, 76%, 75%
CMY	0.2405, 0.2444, 0.2483
CMYK	0.00, 0.01, 0.01, 0.24
HSL	30°, 2%, 76%
HSV	30°, 1%, 76%
XYZ	50.6393, 53.2120, 57.2812
YIQ	193.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

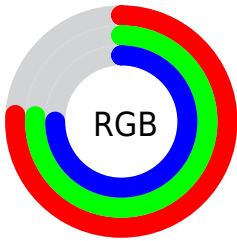
Format	Color
RYB	194, 194, 192
Decimal	12763584
CIELab	78.00, 0.17, 0.62
CIELCh	78, 0.638, 74.734
Yxy	53.2120, 0.3143, 0.3302
Android (android.graphics.Color)	4290953664 (0xFFC2C1C0)
YUV	193.1850, -0.5842, 0.7148
Hunter-Lab	72.9466, -3.7422, 4.5052

Details

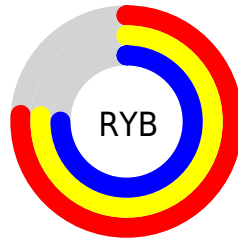
The CIELCh color $78, 0.638, 74.734$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 0.651, 256.273$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 0.607, 74.606$, and $58, 0.560, 110.024$ is the 20% darker color. If you saturate the color by 10%, you get $75, 7.053, 74.215$, and if you desaturate by 10%, it is $81, 5.505, 256.730$.

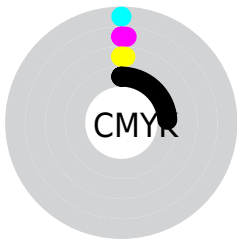
Distribution



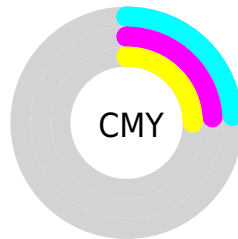
- Red (76%)
- Green (76%)
- Blue (75%)



- Red (76%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 0.638, 74.734 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 78, 0.638, 74.734 by changing the saturation by 10% instead.

■ 78, 0.638, 74.734

■ 78, 0.638, 74.734

100, 0.638, 74.734

■ 68, 0.638, 74.734

■ 98, 0.638, 74.734

■ 58, 0.638, 74.734

■ 48, 0.638, 74.734

■ 38, 0.638, 74.734

■ 28, 0.638, 74.734

■ 18, 0.638, 74.734

■ 8, 0.638, 74.734

■ 0, 0.638, 74.734

■ 78, 0.638, 74.734

■ 78, 0.638, 74.734

75, 7.053, 74.215

81, 5.505, 256.730

72, 13.764, 73.003

84, 11.407,
257.845

69, 20.792, 71.759

87, 17.092,
258.944

66, 28.141, 70.500

64, 35.785, 69.227

90, 17.066,
245.370

61, 43.635, 67.921

92, 16.804,
224.329

58, 51.480, 66.530

56, 58.885, 64.930

95, 18.629,
205.333

54, 65.076, 62.871

96, 20.011,
198.187

Harmonies

Complementary

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



78, 0.638, 74.734



78, 0.651, 256.273

Rectangle

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



78, 0.638, 74.734



78, 0.638, 124.734



78, 0.638, 254.734



78, 0.638, 304.734

Sweetspot

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



78, 0.639, 74.919



99, 0.012, 296.813



78, 0.921, 343.305



53, 0.007, 296.813



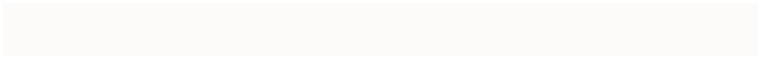
0, 0.000, 0.000

Same Dimension

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



78, 0.639, 74.919



99, 0.768, 74.913



78, 1.058, 110.021



41, 0.351, 74.873



43, 60.172, 61.164



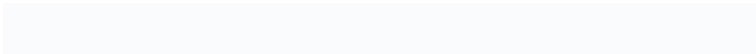
6, 11.490, 58.428

Inverse Universe

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



78, 0.651, 256.273



99, 0.783, 256.280



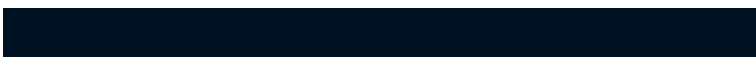
78, 1.079, 290.334



41, 0.359, 256.317



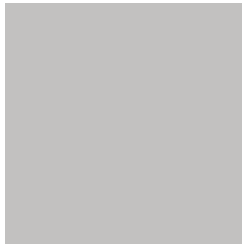
35, 50.758, 283.717



4, 12.845, 269.544

Previews

White Background



This preview shows how the CIELCh color 78, 0.638, 74.734 looks on a white background.

Color Contrast Check

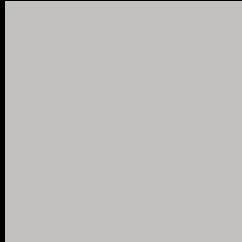
Large Text (above 18pt) WCAG AA × Fail

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 78, 0.638, 74.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

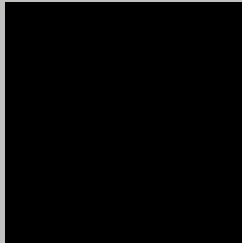
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

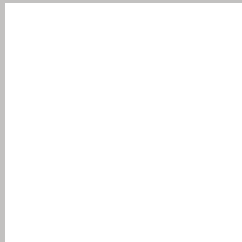
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 0.638, 74.734

Background



This preview shows how black text looks on a background with the CIELCh color 78, 0.638, 74.734.

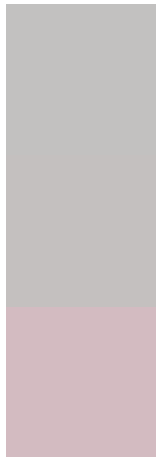


This preview shows how white text looks on a background with the CIELCh color 78, 0.638, 74.734.

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


78, 0.638, 74.734

Protanopia

78, 1.567, 39.084

Deuteranopia

78, 9.537, 0.563



Tritanopia
78, 8.266, 303.443

Trichromacy



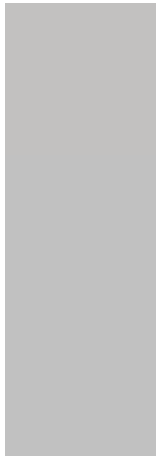
Original Color
78, 0.638, 74.734

Protanomaly
78, 1.223, 44.905

Deuteranomaly
78, 6.339, 0.173

Tritanomaly
78, 4.961, 303.278

Monochromacy



Original Color
78, 0.638, 74.734

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 0.638, 74.734 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(194, 193, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 192)  
}
```

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(194, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 0.638, 74.734 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(194, 193, 192) }
```

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

```
.border{ border-color:rgb(194, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 0.638, 74.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 192) }
```

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

```
.background{ background-color: rgb(194,  
193, 192) }
```

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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