

Converting Colors

CIELCh(74, 0.777, 63.123)

Have a look what the booklet for
CIELCh(74, 0.777, 63.123) contains.

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Color

CIELCh(74, 0.646, 74.757)

Conversions

Conversions Part 1

Format	Color
Hex	B7B6B5
RGB	183, 182, 181
RGB Percent	72%, 71%, 71%
CMY	0.2834, 0.2873, 0.2913
CMYK	0.00, 0.01, 0.01, 0.28
HSL	30°, 1%, 71%
HSV	30°, 1%, 72%
XYZ	44.4490, 46.7039, 50.2423
YIQ	182.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

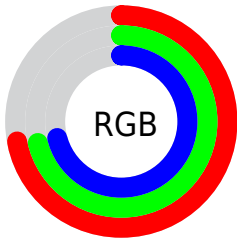
Format	Color
RYB	183, 183, 181
Decimal	12039861
CIELab	74.00, 0.17, 0.62
CIELCh	74, 0.646, 74.757
Yxy	46.7039, 0.3144, 0.3303
Android (android.graphics.Color)	4290229941 (0xFFB7B6B5)
YUV	182.1850, -0.5842, 0.7148
Hunter-Lab	68.3403, -3.4978, 4.2494

Details

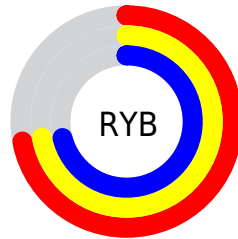
The CIELCh color $74, 0.646, 74.757$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 0.659, 256.241$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 0.612, 74.632$, and $54, 0.690, 74.854$ is the 20% darker color. If you saturate the color by 10%, you get $71, 6.765, 74.202$, and if you desaturate by 10%, it is $77, 5.215, 256.709$.

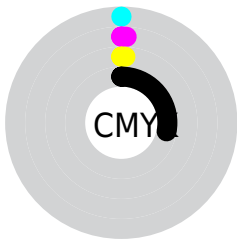
Distribution



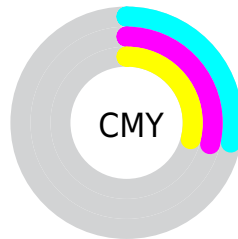
- Red (72%)
- Green (71%)
- Blue (71%)



- Red (72%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 0.646, 74.757 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, 0.646, 74.757 by changing the saturation by 10% instead.

■ 74, 0.646, 74.757 ■ 74, 0.646, 74.757

100, 0.646, 74.757 ■ 64, 0.646, 74.757

■ 94, 0.646, 74.757 ■ 54, 0.646, 74.757

■ 44, 0.646, 74.757

■ 34, 0.646, 74.757

■ 24, 0.646, 74.757

■ 14, 0.646, 74.757

■ 4, 0.646, 74.757

■ 0, 0.646, 74.757

■ 74, 0.646, 74.757 ■ 74, 0.646, 74.757

71, 6.765, 74.202

77, 5.215, 256.709

68, 13.166, 72.995

80, 10.846,
257.820

66, 19.867, 71.757

83, 16.271,
258.915

63, 26.874, 70.504

60, 34.161, 69.236

86, 21.514,
259.972

58, 41.647, 67.936

88, 19.911,
245.681

55, 49.133, 66.554

53, 56.214, 64.968

91, 19.399,
228.535

51, 62.166, 62.936

93, 20.553,
212.128

95, 23.073,
198.519

95, 23.211,
197.987

Harmonies

Complementary

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



74, 0.646, 74.757



74, 0.659, 256.241

Rectangle

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



74, 0.646, 74.757



74, 0.646, 124.757



74, 0.646, 254.757



74, 0.646, 304.757

Sweetspot

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



74, 0.647, 74.932



94, 0.011, 296.813



74, 0.932, 343.332



50, 0.007, 296.813



97, 0.011, 296.813

Same Dimension

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



74, 0.647, 74.932



93, 0.730, 74.901



74, 1.071, 110.019



39, 0.335, 74.859



42, 58.735, 61.264



5, 8.774, 61.376

Inverse Universe

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



74, 0.659, 256.241



93, 0.744, 256.271



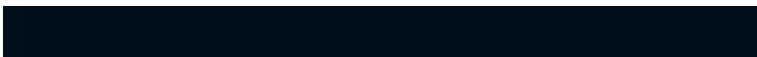
74, 1.091, 290.337



39, 0.343, 256.310



33, 49.430, 283.578



4, 10.228, 267.485

Previews

White Background



This preview shows how the CIELCh color 74, 0.646, 74.757 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, 0.646, 74.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

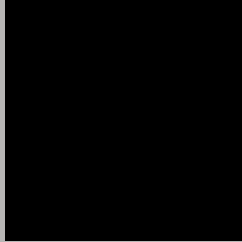
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

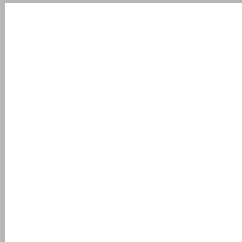
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 0.646, 74.757

Background



This preview shows how black text looks on a background with the CIELCh color 74, 0.646, 74.757.

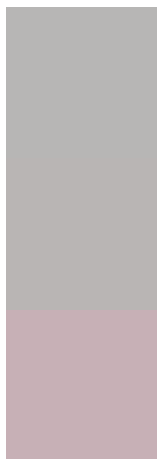


This preview shows how white text looks on a background with the CIELCh color 74, 0.646, 74.757.

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, 0.646, 74.757

Protanopia

74, 1.585, 39.099

Deuteranopia

74, 9.286, 359.791



Tritanopia
74, 7.829, 304.304

Trichromacy



Original Color

74, 0.646, 74.757

Protanomaly

74, 1.237, 44.923

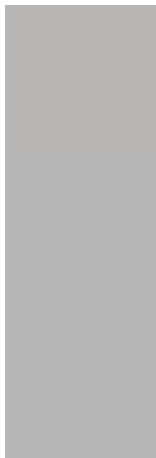
Deuteranomaly

74, 6.055, 358.962

Tritanomaly

74, 4.489, 304.785

Monochromacy



Original Color

74, 0.646, 74.757

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 0.646, 74.757 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(183, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 181)  
}
```

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(183, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 0.646, 74.757 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(183, 182, 181) }
```

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

```
.border{ border-color:rgb(183, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 0.646, 74.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 181) }
```

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

```
.background{ background-color: rgb(183,  
182, 181) }
```

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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