

Converting Colors

CIELCh(74, 3.427, 30.419)

Have a look what the booklet for
CIELCh(74, 3.427, 30.419) contains.

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Color

CIELCh(74, 3.429, 28.577)

Conversions

Conversions Part 1

Format	Color
Hex	BDB4B3
RGB	189, 180, 179
RGB Percent	74%, 71%, 70%
CMY	0.2589, 0.2942, 0.2981
CMYK	0.00, 0.05, 0.05, 0.26
HSL	6°, 7%, 72%
HSV	6°, 5%, 74%
XYZ	45.4325, 46.7039, 49.2571
YIQ	182.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

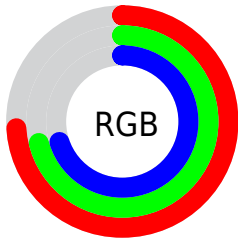
Format	Color
RYB	189, 180, 179
Decimal	12432563
CIELab	74.00, 3.01, 1.64
CIELCh	74, 3.429, 28.577
Yxy	46.7039, 0.3213, 0.3303
Android (android.graphics.Color)	4290622643 (0xFFBDB4B3)
YUV	182.5770, -1.7635, 5.6330
Hunter-Lab	68.3403, -0.9291, 5.1042

Details

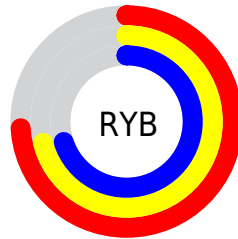
The CIELCh color $74, 3.429, 28.577$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.316, 208.700$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 3.251, 28.504$, and $54, 3.671, 28.670$ is the 20% darker color. If you saturate the color by 10%, you get $69, 10.321, 29.042$, and if you desaturate by 10%, it is $79, 2.932, 208.740$.

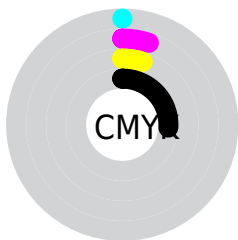
Distribution



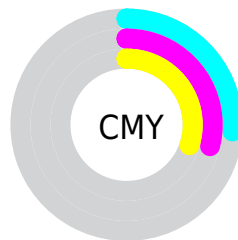
- Red (74%)
- Green (71%)
- Blue (70%)



- Red (74%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.429, 28.577 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, 3.429, 28.577 by changing the saturation by 10% instead.

■ 74, 3.429, 28.577

■ 74, 3.429, 28.577

■ 100, 3.429, 28.577

■ 64, 3.429, 28.577

■ 94, 3.429, 28.577

■ 54, 3.429, 28.577

■ 44, 3.429, 28.577

■ 34, 3.429, 28.577

■ 24, 3.429, 28.577

■ 14, 3.429, 28.577

■ 4, 3.429, 28.577

■ 0, 3.429, 28.577

■ 74, 3.429, 28.577

■ 74, 3.429, 28.577

69, 10.321, 29.042

79, 2.932, 208.740

64, 17.788, 29.554

84, 8.808, 208.504

60, 25.848, 30.264

89, 14.253,
208.434

55, 34.483, 31.242

94, 19.317,
208.428

51, 43.622, 32.553

48, 53.107, 34.249

96, 21.400,
198.099

45, 62.653, 36.311

42, 71.699, 38.529

41, 79.031, 40.269

Harmonies

Complementary

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



74, 3.429, 28.577



76, 3.316, 208.700

Rectangle

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



74, 3.429, 28.577



74, 3.429, 78.577



74, 3.429, 208.577



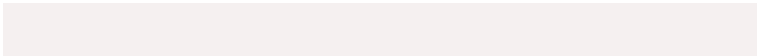
74, 3.429, 258.577

Sweetspot

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



74, 3.428, 28.610



95, 1.578, 28.276



74, 6.154, 327.530



51, 0.896, 28.251



98, 0.011, 296.813



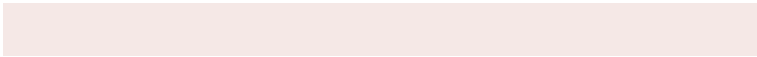
51, 0.007, 296.813

Same Dimension

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



74, 3.428, 28.610



93, 4.813, 28.652



75, 3.544, 84.683



38, 2.580, 28.674



33, 71.374, 41.158



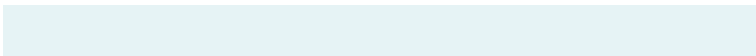
3, 11.451, 25.610

Inverse Universe

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



76, 3.316, 208.700



95, 4.631, 208.666



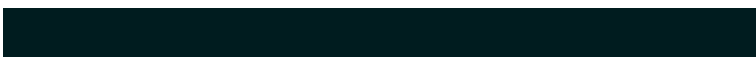
74, 3.539, 266.174



39, 2.476, 208.649



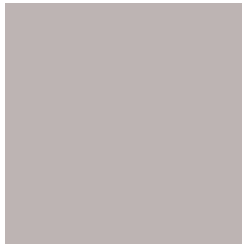
54, 31.245, 214.022



8, 10.232, 211.057

Previews

White Background



This preview shows how the CIELCh color 74, 3.429, 28.577 looks on a white background.

Color Contrast Check

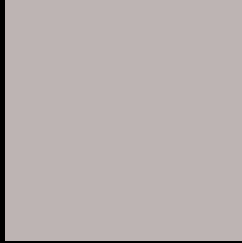
Large Text (above 18pt) WCAG AA × Fail

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, 3.429, 28.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

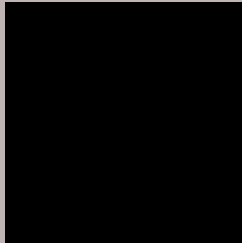
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

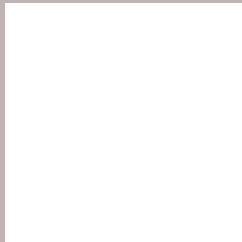
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.429, 28.577

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.429, 28.577.

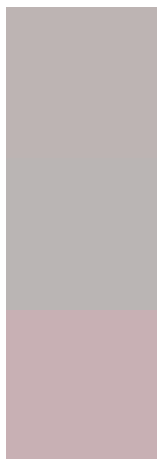


This preview shows how white text looks on a background with the CIELCh color 74, 3.429, 28.577.

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, 3.429, 28.577

Protanopia

74, 1.944, 35.400

Deuteranopia

74, 9.370, 6.886



Tritanopia
74, 9.010, 322.848

Trichromacy



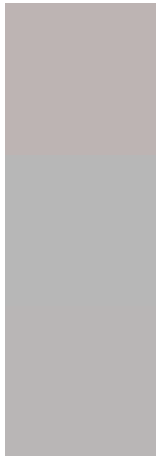
Original Color
74, 3.429, 28.577

Protanomaly
74, 2.309, 32.867

Deuteranomaly
74, 7.379, 7.320

Tritanomaly
74, 5.985, 333.532

Monochromacy



Original Color
74, 3.429, 28.577

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.120, 19.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.429, 28.577 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(189, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(189, 180, 179)  
}
```

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(189, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 180, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.429, 28.577 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(189, 180, 179) }
```

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

```
.border{ border-color:rgb(189, 180, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(189, 180,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.429, 28.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 180, 179) }
```

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

```
.background{ background-color: rgb(189,  
180, 179) }
```

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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