

Converting Colors

CIELCh(74, 8.860, 313.341)

Have a look what the booklet for
CIELCh(74, 8.860, 313.341) contains.

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Color

CIELCh(74, 8.808, 312.787)

Conversions

Conversions Part 1

Format	Color
Hex	BCB3C2
RGB	188, 179, 194
RGB Percent	74%, 70%, 76%
CMY	0.2636, 0.2989, 0.2401
CMYK	0.03, 0.08, 0.00, 0.24
HSL	276°, 11%, 73%
HSV	276°, 8%, 76%
XYZ	46.4764, 46.7039, 57.4762
YIQ	183.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

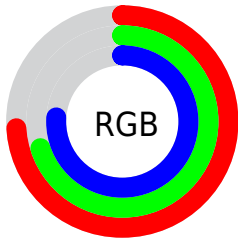
Format	Color
R_{YB}	188, 179, 194
Decimal	12366786
CIE Lab	74.00, 5.98, -6.46
CIE LCh	74, 8.808, 312.787
Yxy	46.7039, 0.3085, 0.3100
Android (android.graphics.Color)	4290556866 (0xFFBCB3C2)
YUV	183.4010, 5.2253, 4.0333
Hunter-Lab	68.3403, 1.7977, -2.0265

Details

The CIELCh color $74, 8.808, 312.787$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 8.723, 132.176$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.382, 312.713$, and $54, 8.841, 314.285$ is the 20% darker color. If you saturate the color by 10%, you get $68, 20.429, 313.232$, and if you desaturate by 10%, it is $80, 2.529, 132.451$.

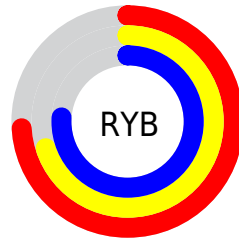
Distribution



Red (74%)

Green (70%)

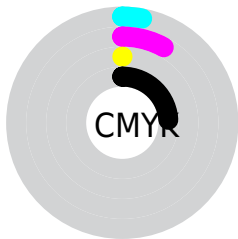
Blue (76%)



Red (74%)

Yellow (70%)

Blue (76%)

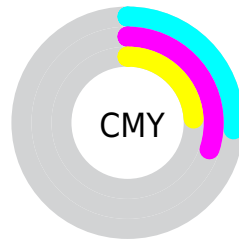


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.808, 312.787 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, 8.808, 312.787 by changing the saturation by 10% instead.

■ 74, 8.808, 312.787

■ 74, 8.808, 312.787

■ 100, 8.808,
312.787

■ 64, 8.808, 312.787

■ 94, 8.808, 312.787

■ 54, 8.808, 312.787

■ 44, 8.808, 312.787

■ 34, 8.808, 312.787

■ 24, 8.808, 312.787

■ 14, 8.808, 312.787

■ 4, 8.808, 312.787

■ 0, 8.808, 312.787

■ 74, 8.808, 312.787

■ 74, 8.808, 312.787

68, 20.429,
313.232

80, 2.529, 132.451

63, 32.279,
313.692

85, 13.547,
132.028

57, 44.240,
314.155

91, 24.239,
131.684

52, 56.116,
314.594

96, 33.840,
131.113

47, 67.592,
314.970

97, 32.760,
126.685

43, 78.195,
315.227

97, 31.891,
121.900

39, 87.298,
315.287

98, 31.264,
116.808

36, 94.202,
315.064

98, 30.908,
111.482

34, 98.529,

99, 30.831,
107.833

314.504

Harmonies

Complementary

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



74, 8.808, 312.787



77, 8.723, 132.176

Rectangle

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



74, 8.808, 312.787



74, 8.808, 2.787



74, 8.808, 132.787



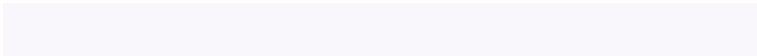
74, 8.808, 182.787

Sweetspot

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



74, 8.806, 312.785



98, 2.808, 312.500



75, 5.196, 264.942



53, 1.610, 312.493



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, 8.806, 312.785



93, 12.719, 312.847



74, 9.306, 327.182



38, 6.465, 312.857



27, 86.389, 314.522



2, 20.630, 309.072

Inverse Universe

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



74, 6.502, 350.036



93, 9.395, 350.178



77, 9.286, 146.342



38, 4.776, 350.201



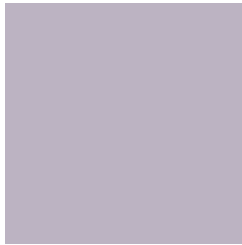
34, 59.970, 11.053



3, 15.100, 358.156

Previews

White Background



This preview shows how the CIELCh color 74, 8.808, 312.787 looks on a white background.

Color Contrast Check

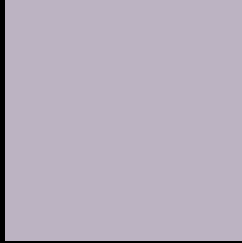
Large Text (above 18pt) WCAG AA × Fail

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, 8.808, 312.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

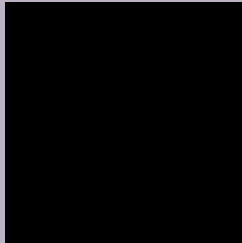
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 8.808, 312.787

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.808, 312.787.

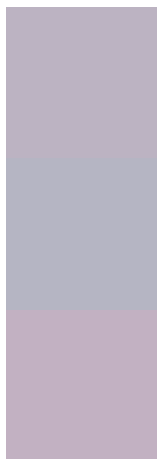


This preview shows how white text looks on a background with the CIELCh color 74, 8.808, 312.787.

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, 8.808, 312.787

Protanopia

74, 7.586, 290.907

Deuteranopia

74, 11.175, 324.896



Tritanopia
74, 8.310, 314.175

Trichromacy



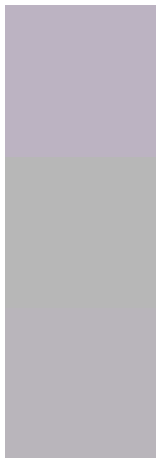
Original Color
74, 8.808, 312.787

Protanomaly
74, 8.222, 298.530

Deuteranomaly
74, 10.120, 321.369

Tritanomaly
74, 8.310, 314.175

Monochromacy



Original Color
74, 8.808, 312.787

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.591, 314.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.808, 312.787 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(188, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 179, 194)  
}
```

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(188, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 179, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.808, 312.787 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(188, 179, 194) }
```

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

```
.border{ border-color:rgb(188, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(188, 179,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.808, 312.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 179, 194) }
```

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

```
.background{ background-color: rgb(188,  
179, 194) }
```

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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