

Converting Colors

CIELCh(74, 8.327, 15.856)

Have a look what the booklet for
CIELCh(74, 8.327, 15.856) contains.

CIELCh(74, 8.401, 16.392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 8.401, 16.392)

Conversions

Conversions Part 1

Format	Color
Hex	C7B1B2
RGB	199, 177, 178
RGB Percent	78%, 69%, 70%
CMY	0.2203, 0.3065, 0.3026
CMYK	0.00, 0.11, 0.11, 0.22
HSL	357°, 16%, 74%
HSV	357°, 11%, 78%
XYZ	47.2153, 46.7039, 48.5572
YIQ	183.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

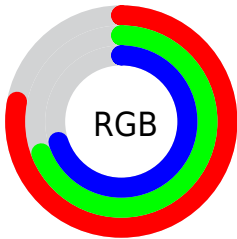
Format	Color
R_{YB}	199, 177, 178
Decimal	13087154
CIE Lab	74.00, 8.06, 2.37
CIE LCh	74, 8.401, 16.392
Yxy	46.7039, 0.3314, 0.3278
Android (android.graphics.Color)	4291277234 (0xFFC7B1B2)
YUV	183.6920, -2.8062, 13.4251
Hunter-Lab	68.3403, 3.7276, 5.7114

Details

The CIELCh color $74, 8.401, 16.392$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 7.879, 194.983$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.951, 16.187$, and $54, 8.598, 16.501$ is the 20% darker color. If you saturate the color by 10%, you get $69, 16.580, 17.375$, and if you desaturate by 10%, it is $80, 0.778, 15.017$.

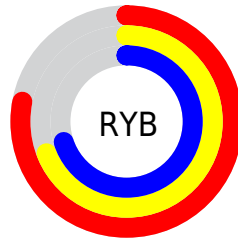
Distribution



Red (78%)

Green (69%)

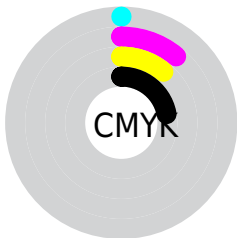
Blue (70%)



Red (78%)

Yellow (69%)

Blue (70%)

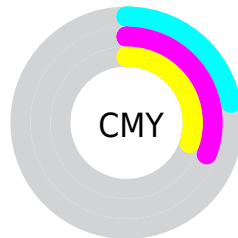


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (31%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.401, 16.392 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, 8.401, 16.392 by changing the saturation by 10% instead.

 74, 8.401, 16.392  74, 8.401, 16.392

 100, 8.401, 16.392  64, 8.401, 16.392

 94, 8.401, 16.392  54, 8.401, 16.392

 44, 8.401, 16.392


 34, 8.401, 16.392

 24, 8.401, 16.392

 14, 8.401, 16.392

 4, 8.401, 16.392

 0, 8.401, 16.392

 74, 8.401, 16.392  74, 8.401, 16.392

69, 16.580, 17.375

80, 0.778, 15.017

63, 25.307, 18.574

85, 6.306, 195.189

58, 34.512, 20.098

91, 12.896,
194.638

54, 44.047, 22.056

96, 18.530,
196.300

50, 53.677, 24.566

46, 63.091, 27.724

96, 18.458,
198.285

44, 71.924, 31.493

42, 79.634, 35.500

41, 84.807, 38.351

Harmonies

Complementary

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



74, 8.401, 16.392



79, 7.879, 194.983

Rectangle

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



74, 8.401, 16.392



74, 8.401, 66.392



74, 8.401, 196.392



74, 8.401, 246.392

Sweetspot

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



74, 8.399, 16.404



98, 2.709, 15.611



74, 14.189, 323.649



52, 2.059, 15.720



0, 0.000, 0.000



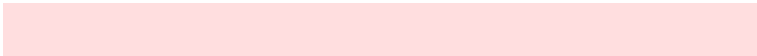
53, 0.007, 296.813

Same Dimension

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



74, 8.399, 16.404



91, 12.176, 16.598



77, 7.020, 68.506



39, 4.281, 16.254



34, 72.840, 37.920



3, 15.907, 17.055

Inverse Universe

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



74, 8.399, 16.404



91, 12.176, 16.598



76, 6.775, 251.247



39, 4.281, 16.254



34, 72.840, 37.920



3, 15.907, 17.055

Previews

White Background



This preview shows how the CIELCh color 74, 8.401, 16.392 looks on a white background.

Color Contrast Check

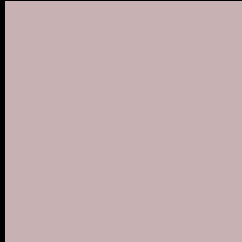
Large Text (above 18pt) WCAG AA × Fail

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, 8.401, 16.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

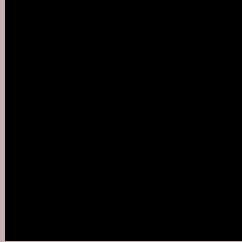
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 8.401, 16.392

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.401, 16.392.

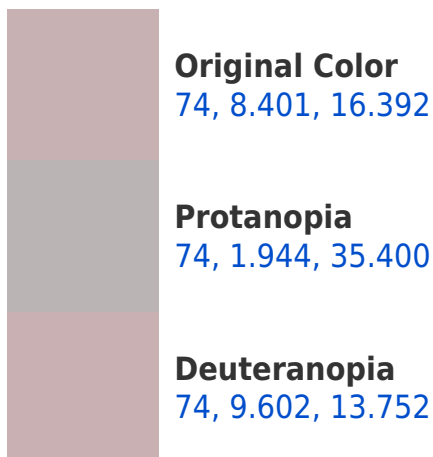



This preview shows how white text looks on a background with the CIELCh color 74, 8.401, 16.392.

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





Tritanopia
74, 12.036, 341.516

Trichromacy



Original Color
74, 8.401, 16.392

Protanomaly
74, 4.531, 19.672

Deuteranomaly
74, 9.216, 13.443

Tritanomaly
74, 10.264, 352.054

Monochromacy



Original Color
74, 8.401, 16.392

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 3.051, 9.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.401, 16.392 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(199, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 177, 178)  
}
```

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(199, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 177, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.401, 16.392 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(199, 177, 178) }
```

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

```
.border{ border-color:rgb(199, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 177,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.401, 16.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 177, 178) }
```

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

```
.background{ background-color: rgb(199,  
177, 178) }
```

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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