

Converting Colors

CIELCh(70, 8.401, 84.560)

Have a look what the booklet for
CIELCh(70, 8.401, 84.560) contains.

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Color

CIELCh(70, 8.402, 84.564)

Conversions

Conversions Part 1

Format	Color
Hex	B3AA9C
RGB	179, 170, 156
RGB Percent	70%, 67%, 61%
CMY	0.2979, 0.3332, 0.3881
CMYK	0.00, 0.05, 0.13, 0.30
HSL	37°, 13%, 66%
HSV	37°, 13%, 70%
XYZ	38.9811, 40.7494, 37.2762
YIQ	171.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

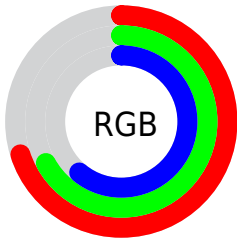
Format	Color
RYB	171, 179, 156
Decimal	11774620
CIELab	70.00, 0.80, 8.36
CIELCh	70, 8.402, 84.564
Yxy	40.7494, 0.3332, 0.3483
Android (android.graphics.Color)	4289964700 (0xFFB3AA9C)
YUV	171.0950, -7.4418, 6.9327
Hunter-Lab	63.8353, -2.7104, 10.0627

Details

The CIELCh color $70, 8.402, 84.564$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.312, 267.989$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 8.585, 84.026$, and $50, 8.295, 85.067$ is the 20% darker color. If you saturate the color by 10%, you get $68, 15.165, 83.290$, and if you desaturate by 10%, it is $72, 1.830, 85.727$.

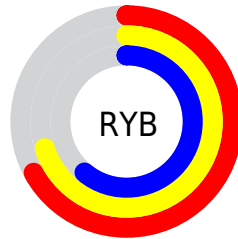
Distribution



Red (70%)

Green (67%)

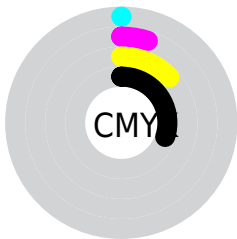
Blue (61%)



Red (67%)

Yellow (70%)

Blue (61%)

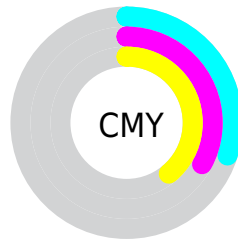


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.402, 84.564 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 70, 8.402, 84.564 by changing the saturation by 10% instead.

 70, 8.402, 84.564

 70, 8.402, 84.564

 100, 8.402, 84.564

 60, 8.402, 84.564

 90, 8.402, 84.564

 50, 8.402, 84.564

 40, 8.402, 84.564

 30, 8.402, 84.564

 20, 8.402, 84.564

 10, 8.402, 84.564

 0, 8.402, 84.564

 70, 8.402, 84.564

 70, 8.402, 84.564

 68, 15.165, 83.290

 72, 1.830, 85.727

66, 22.114, 81.957

75, 4.560, 267.144

63, 29.225, 80.585

77, 10.782,
268.280

61, 36.434, 79.170

79, 16.848,
269.390

59, 43.598, 77.694

57, 50.446, 76.104

82, 22.774,
270.453

55, 56.489, 74.297

84, 24.572,
266.958

54, 61.003, 72.077

52, 63.416, 70.295

86, 22.320,
257.098

88, 20.837,
245.576

89, 20.266,
232.999

Harmonies

Complementary

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



70, 8.402, 84.564



67, 8.312, 267.989

Rectangle

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



70, 8.402, 84.564



70, 8.402, 134.564



70, 8.402, 264.564



70, 8.402, 314.564

Sweetspot

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



70, 8.403, 84.578



91, 3.184, 85.619



67, 10.201, 350.551



49, 2.284, 85.541



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 8.403, 84.578



88, 12.157, 84.273



72, 12.475, 113.078



37, 3.675, 85.016



45, 56.446, 70.739



5, 8.014, 75.152

Inverse Universe

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



67, 8.312, 267.989



84, 11.993, 268.349



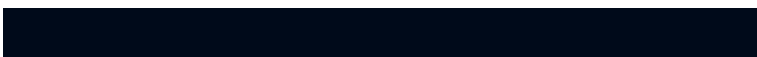
65, 12.838, 295.229



36, 3.651, 267.488



28, 59.690, 292.421



3, 9.659, 273.548

Previews

White Background



This preview shows how the CIELCh color 70, 8.402, 84.564 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 CIELCh color 70, 8.402, 84.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

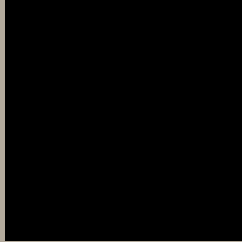
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 8.402, 84.564

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.402, 84.564.

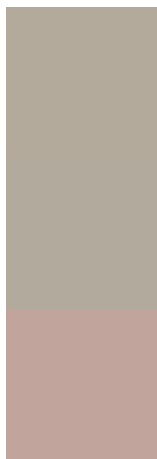


This preview shows how white text looks on a background with the CIELCh color 70, 8.402, 84.564.

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


70, 8.402, 84.564

Protanopia

70, 8.244, 87.058

Deuteranopia

70, 11.945, 41.571



Tritanopia
70, 9.099, 328.757

Trichromacy



Original Color
70, 8.402, 84.564

Protanomaly
70, 8.244, 87.058

Deuteranomaly
70, 9.935, 53.121

Tritanomaly
70, 5.220, 1.509

Monochromacy



Original Color
70, 8.402, 84.564

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.944, 87.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.402, 84.564 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(179, 170, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 170, 156)  
}
```

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(179, 170, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.402, 84.564 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(179, 170, 156) }
```

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

```
.border{ border-color:rgb(179, 170, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 170, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.402, 84.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 156) }
```

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

```
.background{ background-color: rgb(179,  
170, 156) }
```

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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