

Converting Colors

CIELCh(74, 3.453, 95.591)

Have a look what the booklet for
CIELCh(74, 3.453, 95.591) contains.

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Color

CIELCh(74, 3.311, 96.677)

Conversions

Conversions Part 1

Format	Color
Hex	B8B6B0
RGB	184, 182, 176
RGB Percent	72%, 71%, 69%
CMY	0.2790, 0.2868, 0.3103
CMYK	0.00, 0.01, 0.04, 0.28
HSL	45°, 5%, 71%
HSV	45°, 4%, 72%
XYZ	44.2587, 46.7039, 47.6876
YIQ	181.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

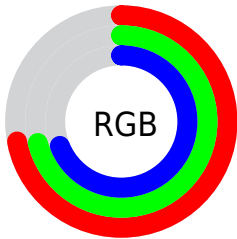
Format	Color
RYB	179, 184, 176
Decimal	12105392
CIELab	74.00, -0.38, 3.29
CIElCh	74, 3.311, 96.677
Yxy	46.7039, 0.3192, 0.3368
Android (android.graphics.Color)	4290295472 (0xFFB8B6B0)
YUV	181.9140, -2.9156, 1.8294
Hunter-Lab	68.3403, -3.9950, 6.4659

Details

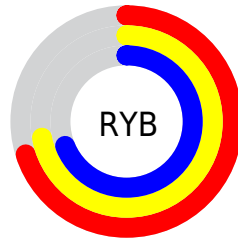
The CIELCh color $74, 3.311, 96.677$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 3.337, 277.824$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 3.146, 96.773$, and $54, 2.973, 94.080$ is the 20% darker color. If you saturate the color by 10%, you get $72, 11.015, 95.559$, and if you desaturate by 10%, it is $76, 4.294, 277.940$.

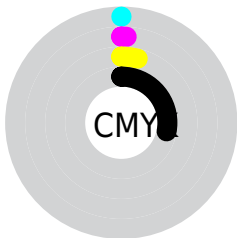
Distribution



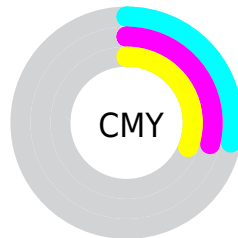
- Red (72%)
- Green (71%)
- Blue (69%)



- Red (70%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (28%)



- Cyan (28%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.311, 96.677 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, 3.311, 96.677 by changing the saturation by 10% instead.

■ 74, 3.311, 96.677

■ 74, 3.311, 96.677

■ 100, 3.311, 96.677

■ 64, 3.311, 96.677

■ 94, 3.311, 96.677

■ 54, 3.311, 96.677

■ 44, 3.311, 96.677

■ 34, 3.311, 96.677

■ 24, 3.311, 96.677

■ 14, 3.311, 96.677

■ 4, 3.311, 96.677

■ 0, 3.311, 96.677

■ 74, 3.311, 96.677

■ 74, 3.311, 96.677

72, 11.015, 95.559

76, 4.294, 277.940

71, 18.799, 94.343

77, 11.799,
279.008

69, 26.627, 93.089

79, 19.201,
280.047

68, 34.430, 91.805

66, 42.083, 90.490

81, 26.505,
281.039

65, 49.359, 89.140

82, 27.177,
278.302

63, 55.884, 87.731

62, 61.097, 86.213

84, 25.132,
273.365

61, 64.348, 84.493

85, 23.301,
267.650

86, 21.733,
261.088

87, 20.484,
253.673

Harmonies

Complementary

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



74, 3.311, 96.677



73, 3.337, 277.824

Rectangle

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



74, 3.311, 96.677



74, 3.311, 146.677



74, 3.311, 276.677



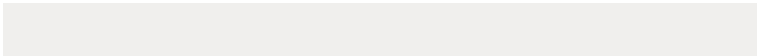
74, 3.311, 326.677

Sweetspot

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



74, 3.312, 96.706



94, 0.935, 96.915



72, 3.208, 359.771



50, 0.531, 96.908



97, 0.011, 296.813



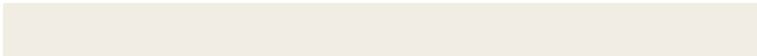
50, 0.007, 296.813

Same Dimension

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



74, 3.312, 96.706



94, 4.727, 96.628



74, 4.378, 119.652



38, 2.589, 96.571



51, 58.022, 83.750



7, 10.633, 89.444

Inverse Universe

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



73, 3.337, 277.824



92, 4.761, 277.907



72, 4.432, 300.173



37, 2.607, 277.967



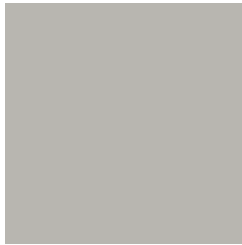
23, 75.320, 300.216



2, 12.647, 281.552

Previews

White Background



This preview shows how the CIELCh color 74, 3.311, 96.677 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, 3.311, 96.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

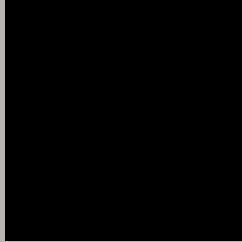
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

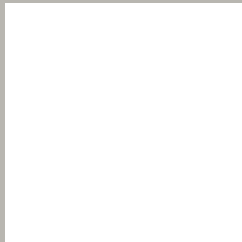
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.311, 96.677

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.311, 96.677.

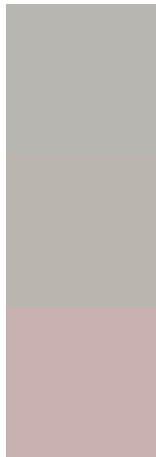


This preview shows how white text looks on a background with the CIELCh color 74, 3.311, 96.677.

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, 3.311, 96.677

Protanopia

74, 3.939, 74.561

Deuteranopia

74, 9.575, 16.956



Tritanopia
74, 8.044, 309.373

Trichromacy



Original Color
74, 3.311, 96.677

Protanomaly
74, 3.734, 79.362

Deuteranomaly
74, 6.489, 24.621

Tritanomaly
74, 4.244, 316.297

Monochromacy



Original Color
74, 3.311, 96.677

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.131, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.311, 96.677 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(184, 182, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 176)  
}
```

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(184, 182, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.311, 96.677 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(184, 182, 176) }
```

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

```
.border{ border-color:rgb(184, 182, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 182, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.311, 96.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 176) }
```

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

```
.background{ background-color: rgb(184,  
182, 176) }
```

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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