

Converting Colors

CIELCh(75, 4.004, 94.791)

Have a look what the booklet for
CIELCh(75, 4.004, 94.791) contains.

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Color

CIELCh(75, 4.357, 99.774)

Conversions

Conversions Part 1

Format	Color
Hex	BBB9B1
RGB	187, 185, 177
RGB Percent	73%, 73%, 69%
CMY	0.2677, 0.2756, 0.3069
CMYK	0.00, 0.01, 0.05, 0.27
HSL	48°, 7%, 71%
HSV	48°, 5%, 73%
XYZ	45.6278, 48.2781, 48.3679
YIQ	184.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

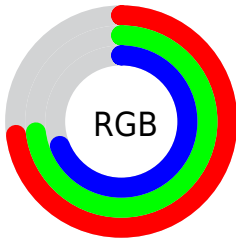
Format	Color
RYB	180, 187, 177
Decimal	12302769
CIELab	75.00, -0.74, 4.29
CIELCh	75, 4.357, 99.774
Yxy	48.2781, 0.3207, 0.3393
Android (android.graphics.Color)	4290492849 (0xFFBBB9B1)
YUV	184.6860, -3.7892, 2.0294
Hunter-Lab	69.4824, -4.3768, 7.3649

Details

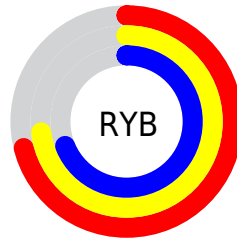
The CIELCh color $75, 4.357, 99.774$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 4.398, 281.072$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 4.144, 99.895$, and $55, 4.639, 99.567$ is the 20% darker color. If you saturate the color by 10%, you get $74, 12.566, 98.676$, and if you desaturate by 10%, it is $76, 3.782, 280.972$.

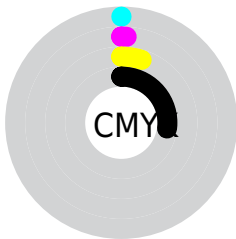
Distribution



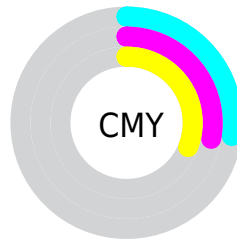
- Red (73%)
- Green (73%)
- Blue (69%)



- Red (71%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.357, 99.774 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 75, 4.357, 99.774 by changing the saturation by 10% instead.

■ 75, 4.357, 99.774 ■ 75, 4.357, 99.774

■ 100, 4.357, 99.774 ■ 65, 4.357, 99.774

■ 95, 4.357, 99.774 ■ 55, 4.357, 99.774

■ 45, 4.357, 99.774

■ 35, 4.357, 99.774

■ 25, 4.357, 99.774

■ 15, 4.357, 99.774

■ 5, 4.357, 99.774

■ 0, 4.357, 99.774

■ 75, 4.357, 99.774 ■ 75, 4.357, 99.774

74, 12.566, 98.676

76, 3.782, 280.972

72, 20.814, 97.506

78, 11.843,
282.006

71, 29.053, 96.306

80, 19.819,
283.015

70, 37.195, 95.087

68, 45.085, 93.853

81, 27.708,
283.979

67, 52.461, 92.605

82, 27.703,
281.501

66, 58.908, 91.335

65, 63.851, 90.012

83, 25.930,
277.819

64, 66.704, 88.578

84, 24.278,
273.645

85, 22.770,
268.921

86, 21.435,
263.602

Harmonies

Complementary

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



75, 4.357, 99.774



73, 4.398, 281.072

Rectangle

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



75, 4.357, 99.774



75, 4.357, 149.774



75, 4.357, 279.774



75, 4.357, 329.774

Sweetspot

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



75, 4.358, 99.795



95, 2.002, 100.110



73, 3.925, 3.610



51, 1.147, 100.116



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 4.358, 99.795



95, 6.039, 99.716



75, 5.497, 121.511



39, 3.260, 99.667



54, 59.854, 88.108



9, 12.954, 93.708

Inverse Universe

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



73, 4.398, 281.072



92, 6.095, 281.157



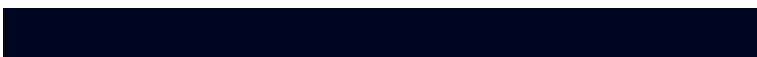
73, 5.567, 302.100



38, 3.292, 281.210



22, 81.066, 302.138



2, 14.979, 284.298

Previews

White Background



This preview shows how the CIE LCh color 75, 4.357, 99.774 looks on a white background.

Color Contrast Check

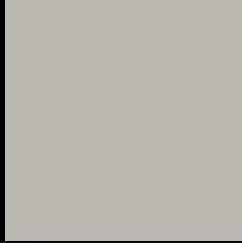
Large Text (above 18pt) WCAG AA × Fail

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 75, 4.357, 99.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

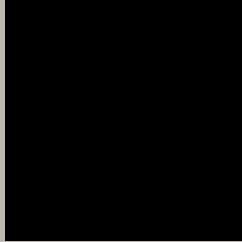
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

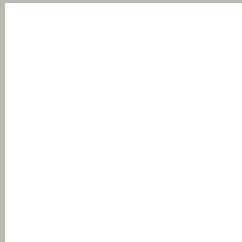
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.357, 99.774

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.357, 99.774.

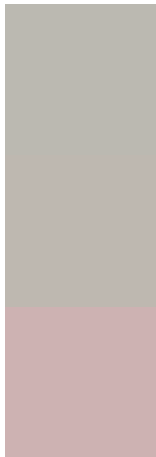


This preview shows how white text looks on a background with the CIELCh color 75, 4.357, 99.774.

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

75, 4.357, 99.774

Protanopia

75, 4.851, 81.756

Deuteranopia

75, 10.339, 20.228



Tritanopia
75, 8.145, 311.806

Trichromacy



Original Color
75, 4.357, 99.774

Protanomaly
75, 4.687, 85.891

Deuteranomaly
75, 6.935, 28.796

Tritanomaly
75, 3.952, 324.552

Monochromacy



Original Color
75, 4.357, 99.774

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.647, 96.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.357, 99.774 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(187, 185, 177)` looks like.

```
.text, #text, p{  
    color:rgb(187, 185, 177)  
}
```

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(187, 185, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 185, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.357, 99.774 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(187, 185, 177) }
```

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

```
.border{ border-color:rgb(187, 185, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 185, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 185, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 185, 177);  
box-shadow:4px 4px 4px 4px rgb(187, 185,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.357, 99.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 185, 177) }
```

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

```
.background{ background-color: rgb(187,  
185, 177) }
```

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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