

Converting Colors

CIELCh(74, 12.536, 99.994)

Have a look what the booklet for
CIELCh(74, 12.536, 99.994) contains.

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Color

CIELCh(74, 12.535, 99.986)

Conversions

Conversions Part 1

Format	Color
Hex	BBB69F
RGB	187, 182, 159
RGB Percent	73%, 71%, 62%
CMY	0.2654, 0.2850, 0.3753
CMYK	0.00, 0.03, 0.15, 0.27
HSL	49°, 17%, 68%
HSV	49°, 15%, 73%
XYZ	43.6487, 46.7039, 39.6555
YIQ	180.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

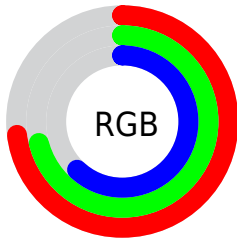
Format	Color
R_{YB}	165, 187, 159
Decimal	12301983
CIE Lab	74.00, -2.17, 12.35
CIE LCh	74, 12.535, 99.986
Yxy	46.7039, 0.3357, 0.3592
Android (android.graphics.Color)	4290492063 (0xFFBBB69F)
YUV	180.8730, -10.7834, 5.3734
Hunter-Lab	68.3403, -5.5882, 13.4342

Details

The CIELCh color $74, 12.535, 99.986$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $68, 12.775, 283.496$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 12.428, 100.663$, and $54, 12.217, 98.716$ is the 20% darker color. If you saturate the color by 10%, you get $73, 20.966, 98.848$, and if you desaturate by 10%, it is $75, 4.133, 101.092$.

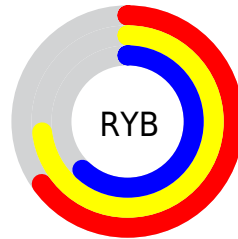
Distribution



Red (73%)

Green (71%)

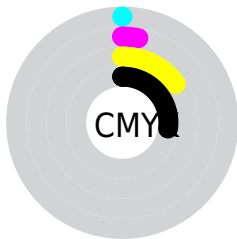
Blue (62%)



Red (65%)

Yellow (73%)

Blue (62%)

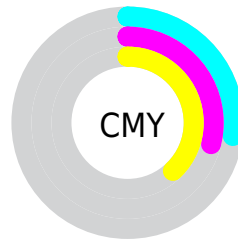


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.535, 99.986 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, 12.535, 99.986 by changing the saturation by 10% instead.

■ 74, 12.535, 99.986

■ 74, 12.535, 99.986

■ 100, 12.535,
99.986

■ 64, 12.535, 99.986

■ 94, 12.535, 99.986

■ 54, 12.535, 99.986

■ 44, 12.535, 99.986

■ 34, 12.535, 99.986

■ 24, 12.535, 99.986

■ 14, 12.535, 99.986

■ 4, 12.535, 99.986

■ 0, 12.535, 99.986

■ 74, 12.535, 99.986

■ 74, 12.535, 99.986

73, 20.966, 98.848

75, 4.133, 101.092

71, 29.370, 97.676

77, 4.214, 282.242

70, 37.655, 96.489

78, 12.491,
283.262

69, 45.662, 95.294

80, 20.690,
284.255

68, 53.126, 94.096

67, 59.633, 92.894

81, 28.807,
285.204

66, 64.616, 91.668

82, 28.166,
282.775

65, 67.504, 90.374

65, 68.458, 89.705

83, 26.538,
279.621

84, 24.998,
276.089

85, 23.564,
272.133

Harmonies

Complementary

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



74, 12.535, 99.986



68, 12.775, 283.496

Rectangle

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



74, 12.535, 99.986



74, 12.535, 149.986



74, 12.535, 279.986



74, 12.535, 329.986

Sweetspot

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



74, 12.536, 99.994



95, 4.111, 101.182



68, 11.210, 5.923



51, 2.947, 101.105



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 12.536, 99.994



93, 18.615, 99.615



75, 15.438, 121.601



39, 4.770, 100.618



55, 60.457, 89.897



9, 13.328, 95.615

Inverse Universe

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



68, 12.775, 283.496



83, 19.047, 283.961



67, 15.875, 303.310



37, 4.832, 282.773



21, 82.912, 302.817



2, 15.230, 285.066

Previews

White Background



This preview shows how the CIELCh color 74, 12.535, 99.986 looks on a white background.

Color Contrast Check

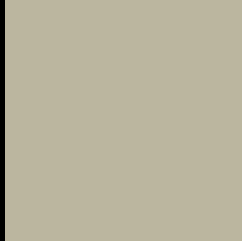
Large Text (above 18pt) WCAG AA × Fail

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 74, 12.535, 99.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

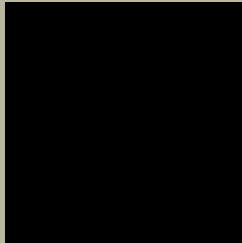
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 12.535, 99.986

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.535, 99.986.



This preview shows how white text looks on a background with the CIELCh color 74, 12.535, 99.986.

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, 12.535, 99.986

Protanopia

74, 12.368, 92.413

Deuteranopia

74, 14.842, 50.656



Tritanopia
74, 9.213, 324.811

Trichromacy



Original Color
74, 12.535, 99.986

Protanomaly
74, 12.261, 94.184

Deuteranomaly
74, 13.074, 67.512

Tritanomaly
74, 3.765, 19.583

Monochromacy



Original Color
74, 12.535, 99.986

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.375, 99.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.535, 99.986 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, 182, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 182, 159)  
}
```

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, 182, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 182, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.535, 99.986 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, 182, 159) }
```

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

```
.border{ border-color:rgb(187, 182, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 182, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 182, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 182, 159);  
box-shadow:4px 4px 4px 4px rgb(187, 182,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.535, 99.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 182, 159) }
```

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

```
.background{ background-color: rgb(187,  
182, 159) }
```

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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