

Converting Colors

CIELCh(74, 11.869, 94.629)

Have a look what the booklet for
CIELCh(74, 11.869, 94.629) contains.

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Color

CIELCh(74, 12.154, 95.992)

Conversions

Conversions Part 1

Format	Color
Hex	BDB6A0
RGB	189, 182, 160
RGB Percent	74%, 71%, 63%
CMY	0.2596, 0.2870, 0.3733
CMYK	0.00, 0.04, 0.15, 0.26
HSL	46°, 18%, 68%
HSV	46°, 15%, 74%
XYZ	43.9566, 46.7039, 39.8704
YIQ	181.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

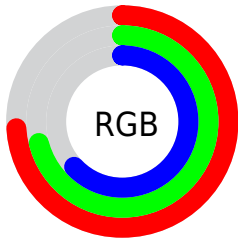
Format	Color
RYB	169, 189, 160
Decimal	12433056
CIELab	74.00, -1.27, 12.09
CIELCh	74, 12.154, 95.992
Yxy	46.7039, 0.3368, 0.3578
Android (android.graphics.Color)	4290623136 (0xFFBDB6A0)
YUV	181.5850, -10.6414, 6.5030
Hunter-Lab	68.3403, -4.7840, 13.2478

Details

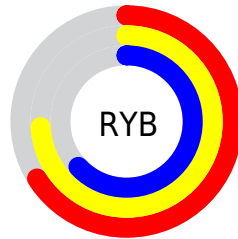
The CIELCh color **74, 12.154, 95.992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 12.297, 279.792**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.053, 96.869**, and **54, 11.837, 94.282** is the 20% darker color. If you saturate the color by 10%, you get **72, 20.174, 94.787**, and if you desaturate by 10%, it is **76, 4.210, 97.156**.

Distribution



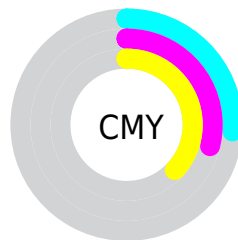
- Red (74%)
- Green (71%)
- Blue (63%)



- Red (66%)
- Yellow (74%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 12.154, 95.992 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, 12.154, 95.992 by changing the saturation by 10% instead.

 74, 12.154, 95.992


 74, 12.154, 95.992

 100, 12.154,
95.992

 64, 12.154, 95.992

 94, 12.154, 95.992

 54, 12.154, 95.992

 44, 12.154, 95.992


 34, 12.154, 95.992

 24, 12.154, 95.992

 14, 12.154, 95.992

 4, 12.154, 95.992

 0, 12.154, 95.992

 74, 12.154, 95.992

 74, 12.154, 95.992

72, 20.174, 94.787

76, 4.210, 97.156

71, 28.225, 93.537

77, 3.644, 278.385

69, 36.229, 92.257

79, 11.397,
279.447

68, 44.046, 90.950

81, 19.049,
280.487

67, 51.426, 89.609

65, 57.961, 88.212

83, 26.602,
281.480

64, 63.058, 86.708

84, 24.854,
277.032

63, 66.076, 85.006

62, 67.064, 84.180

85, 22.895,
271.570

86, 21.176,
265.205

87, 19.756,
257.877

Harmonies

Complementary

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



74, 12.154, 95.992



69, 12.297, 279.792

Rectangle

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



74, 12.154, 95.992



74, 12.154, 145.992



74, 12.154, 275.992



74, 12.154, 325.992

Sweetspot

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



74, 12.155, 96.001



95, 4.851, 97.186



69, 11.866, 0.994



51, 3.311, 97.110



98, 0.011, 296.813



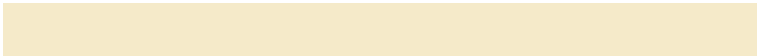
51, 0.007, 296.813

Same Dimension

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



74, 12.155, 96.001



93, 17.624, 95.649



75, 15.795, 118.961



39, 4.467, 96.706



53, 58.875, 84.469



8, 12.266, 89.602

Inverse Universe

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



69, 12.297, 279.792



85, 17.866, 280.221



67, 16.291, 300.940



37, 4.504, 278.978



23, 77.151, 300.600



2, 14.494, 282.713

Previews

White Background



This preview shows how the CIELCh color 74, 12.154, 95.992 looks on a white background.

Color Contrast Check

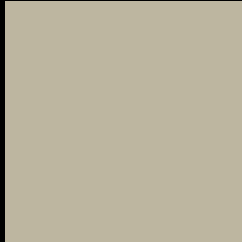
Large Text (above 18pt) WCAG AA × Fail

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, 12.154, 95.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

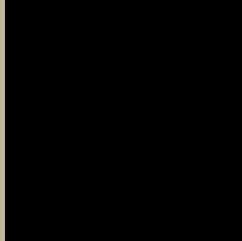
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

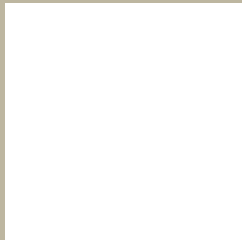
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.154, 95.992

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.154, 95.992.



This preview shows how white text looks on a background with the CIELCh color 74, 12.154, 95.992.

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, 12.154, 95.992

Protanopia

74, 11.850, 91.752

Deuteranopia

74, 14.842, 50.656



Tritanopia
74, 9.657, 328.497

Trichromacy



Original Color
74, 12.154, 95.992

Protanomaly
74, 11.850, 91.752

Deuteranomaly
74, 12.567, 63.076

Tritanomaly
74, 4.559, 12.886

Monochromacy



Original Color
74, 12.154, 95.992

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.453, 94.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.154, 95.992 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(189, 182, 160)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 160)  
}
```

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(189, 182, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.154, 95.992 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(189, 182, 160) }
```

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

```
.border{ border-color:rgb(189, 182, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 182, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 160);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.154, 95.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 160) }
```

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

```
.background{ background-color: rgb(189,  
182, 160) }
```

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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