

Converting Colors

CIELCh(74, 10.506, 100.004)

Have a look what the booklet for
CIELCh(74, 10.506, 100.004)
contains.

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Color

CIELCh(74, 10.411, 98.426)

Conversions

Conversions Part 1

Format	Color
Hex	BBB6A3
RGB	187, 182, 163
RGB Percent	73%, 71%, 64%
CMY	0.2664, 0.2860, 0.3605
CMYK	0.00, 0.03, 0.13, 0.27
HSL	48°, 15%, 69%
HSV	48°, 13%, 73%
XYZ	43.8691, 46.7039, 41.3847
YIQ	181.3290, 9.0790, -4.8490

Conversions

Conversions Part 2

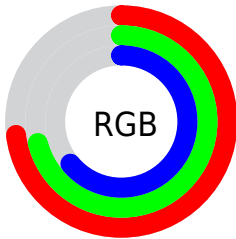
Format	Color
RYB	169, 187, 163
Decimal	12301987
CIELab	74.00, -1.53, 10.30
CIELCh	74, 10.411, 98.426
Yxy	46.7039, 0.3324, 0.3539
Android (android.graphics.Color)	4290492067 (0xFFBBB6A3)
YUV	181.3290, -9.0362, 4.9735
Hunter-Lab	68.3403, -5.0126, 11.9341

Details

The CIELCh color `74, 10.411, 98.426` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `69, 10.554, 281.490`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 10.403, 99.211`, and `54, 10.528, 97.404` is the 20% darker color. If you saturate the color by 10%, you get `73, 18.600, 97.266`, and if you desaturate by 10%, it is `75, 2.279, 99.524`.

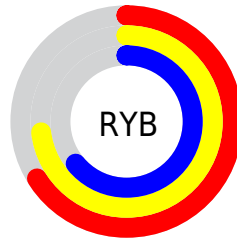
Distribution



Red (73%)

Green (71%)

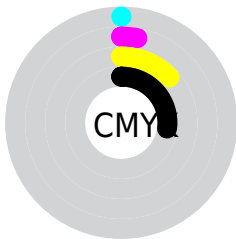
Blue (64%)



Red (66%)

Yellow (73%)

Blue (64%)

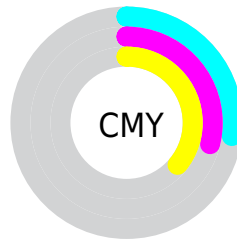


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 10.411, 98.426 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, 10.411, 98.426 by changing the saturation by 10% instead.

■ 74, 10.411, 98.426

■ 74, 10.411, 98.426

■ 100, 10.411,
98.426

■ 64, 10.411, 98.426

■ 94, 10.411, 98.426

■ 54, 10.411, 98.426

■ 44, 10.411, 98.426

■ 34, 10.411, 98.426

■ 24, 10.411, 98.426

■ 14, 10.411, 98.426

■ 4, 10.411, 98.426

■ 0, 10.411, 98.426

■ 74, 10.411, 98.426

■ 74, 10.411, 98.426

73, 18.600, 97.266

75, 2.279, 99.524

71, 26.803, 96.063

77, 5.778, 280.718

70, 34.945, 94.836

79, 13.750,
281.759

69, 42.895, 93.590

80, 21.633,
282.763

67, 50.425, 92.328

66, 57.164, 91.040

82, 28.594,
283.353

65, 62.570, 89.700

83, 26.686,
279.737

64, 66.018, 88.250

63, 67.456, 87.142

84, 24.897,
275.613

85, 23.254,
270.911

86, 21.787,
265.571

Harmonies

Complementary

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



74, 10.411, 98.426



69, 10.554, 281.490

Rectangle

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



74, 10.411, 98.426



74, 10.411, 148.426



74, 10.411, 278.426



74, 10.411, 328.426

Sweetspot

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



74, 10.412, 98.436



95, 3.982, 99.406



69, 9.660, 3.171



51, 2.855, 99.328



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, 10.412, 98.436



93, 15.035, 98.157



75, 13.166, 120.429



39, 4.624, 98.831



54, 59.630, 87.372



9, 12.807, 92.903

Inverse Universe

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



69, 10.554, 281.490



86, 15.274, 281.819



68, 13.499, 301.967



37, 4.674, 281.041



22, 80.290, 301.844



2, 14.879, 283.980

Previews

White Background



This preview shows how the CIELCh color 74, 10.411, 98.426 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, 10.411, 98.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

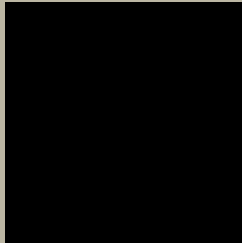
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

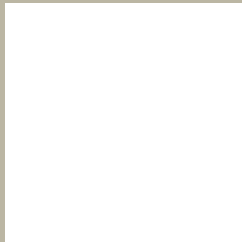
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.411, 98.426

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.411, 98.426.



This preview shows how white text looks on a background with the CIELCh color 74, 10.411, 98.426.

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, 10.411, 98.426

Protanopia

74, 10.310, 89.340

Deuteranopia

74, 13.632, 45.930



Tritanopia
74, 9.010, 322.848

Trichromacy



Original Color
74, 10.411, 98.426

Protanomaly
74, 10.184, 91.418

Deuteranomaly
74, 11.195, 62.086

Tritanomaly
74, 4.282, 5.049

Monochromacy



Original Color
74, 10.411, 98.426

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.844, 98.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 10.411, 98.426 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(187, 182, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 182, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.411, 98.426 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, 163) }
```

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

```
.border{ border-color:rgb(187, 182, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 182, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 182, 163);  
box-shadow:4px 4px 4px 4px rgb(187, 182,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.411, 98.426 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, 163) }
```

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

```
.background{ background-color: rgb(187,  
182, 163) }
```

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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