

Converting Colors

CIELCh(74, 13.678, 91.876)

Have a look what the booklet for
CIELCh(74, 13.678, 91.876) contains.

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Color

CIELCh(74, 13.518, 91.943)

Conversions

Conversions Part 1

Format	Color
Hex	BFB59D
RGB	191, 181, 157
RGB Percent	75%, 71%, 62%
CMY	0.2500, 0.2892, 0.3833
CMYK	0.00, 0.05, 0.18, 0.25
HSL	42°, 21%, 68%
HSV	42°, 18%, 75%
XYZ	44.2335, 46.7039, 38.6930
YIQ	181.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

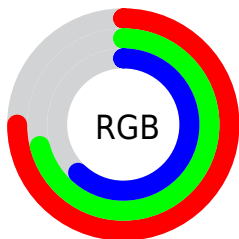
Format	Color
RYB	171, 191, 157
Decimal	12563869
CIELab	74.00, -0.46, 13.51
CIELCh	74, 13.518, 91.943
Yxy	46.7039, 0.3412, 0.3603
Android (android.graphics.Color)	4290753949 (0xFFBFB59D)
YUV	181.2540, -11.9572, 8.5472
Hunter-Lab	68.3403, -4.0606, 14.2693

Details

The CIELCh color **74, 13.518, 91.943** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 13.576, 276.561**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 13.440, 91.458**, and **54, 13.195, 91.694** is the 20% darker color. If you saturate the color by 10%, you get **72, 21.287, 90.677**, and if you desaturate by 10%, it is **76, 5.863, 93.171**.

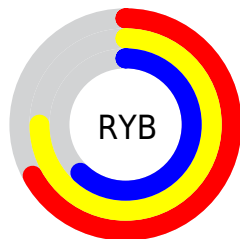
Distribution



Red (75%)

Green (71%)

Blue (62%)



Red (67%)

Yellow (75%)

Blue (62%)

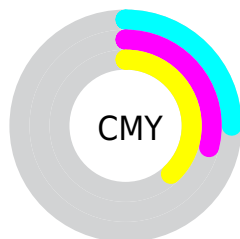


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 13.518, 91.943 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, 13.518, 91.943 by changing the saturation by 10% instead.

■ 74, 13.518, 91.943

■ 74, 13.518, 91.943

■ 100, 13.518,
91.943

■ 64, 13.518, 91.943

■ 94, 13.518, 91.943

■ 54, 13.518, 91.943

■ 44, 13.518, 91.943

■ 34, 13.518, 91.943

■ 24, 13.518, 91.943

■ 14, 13.518, 91.943

■ 4, 13.518, 91.943

■ 0, 13.518, 91.943

■ 74, 13.518, 91.943

■ 74, 13.518, 91.943

72, 21.287, 90.677

76, 5.863, 93.171

70, 29.131, 89.363

78, 1.668, 274.526

69, 36.974, 88.011

80, 9.070, 275.571

67, 44.673, 86.616

82, 16.347,
276.658

65, 51.965, 85.160

84, 23.505,
277.699

64, 58.404, 83.594

62, 63.339, 81.827

85, 22.127,
271.692

61, 66.224, 79.741

87, 20.053,
263.415

60, 66.784, 79.275

88, 18.474,
253.574

90, 17.513,
242.381

Harmonies

Complementary

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



74, 13.518, 91.943



69, 13.576, 276.561

Rectangle

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



74, 13.518, 91.943



74, 13.518, 141.943



74, 13.518, 271.943



74, 13.518, 321.943

Sweetspot

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



74, 13.519, 91.952



97, 4.666, 93.479



68, 14.254, 357.708



52, 3.186, 93.400



99, 0.012, 296.813



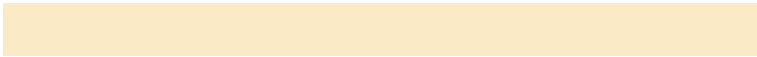
52, 0.007, 296.813

Same Dimension

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



74, 13.519, 91.952



93, 19.897, 91.503



76, 18.356, 116.791



40, 4.324, 92.982



51, 58.732, 79.629



9, 13.007, 83.380

Inverse Universe

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



69, 13.576, 276.561



85, 19.993, 277.124



66, 19.060, 299.332



38, 4.340, 275.356



26, 72.713, 298.283



3, 15.569, 281.555

Previews

White Background



This preview shows how the CIELCh color 74, 13.518, 91.943 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, 13.518, 91.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

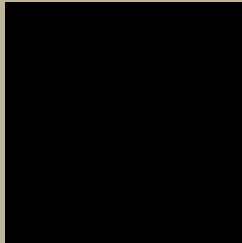
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 13.518, 91.943

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.518, 91.943.

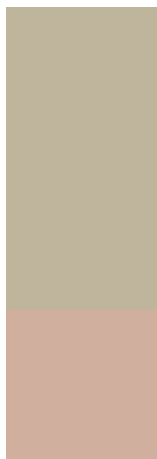


This preview shows how white text looks on a background with the CIELCh color 74, 13.518, 91.943.

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, 13.518, 91.943

Protanopia

74, 13.518, 91.943

Deuteranopia

74, 16.148, 54.611



Tritanopia
74, 9.995, 335.566

Trichromacy



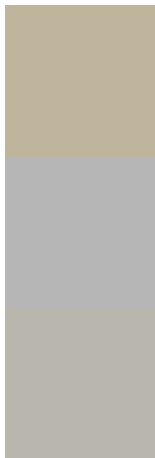
Original Color
74, 13.518, 91.943

Protanomaly
74, 13.518, 91.943

Deuteranomaly
74, 14.336, 65.281

Tritanomaly
74, 5.714, 25.190

Monochromacy



Original Color
74, 13.518, 91.943

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.973, 96.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.518, 91.943 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(191, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 157)  
}
```

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(191, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.518, 91.943 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(191, 181, 157) }
```

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

```
.border{ border-color:rgb(191, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 181, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 181, 157); box-shadow:4px 4px 4px 4px rgb(191, 181, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.518, 91.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 157) }
```

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

```
.background{ background-color: rgb(191,  
181, 157) }
```

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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