

Converting Colors

CIELCh(74, 17.582, 96.699)

Have a look what the booklet for
CIELCh(74, 17.582, 96.699) contains.

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Color

CIELCh(74, 17.582, 96.699)

Conversions

Conversions Part 1

Format	Color
Hex	BFB696
RGB	191, 182, 150
RGB Percent	75%, 71%, 59%
CMY	0.2512, 0.2865, 0.4120
CMYK	0.00, 0.05, 0.21, 0.25
HSL	47°, 24%, 67%
HSV	47°, 21%, 75%
XYZ	43.6903, 46.7039, 35.5444
YIQ	181.0430, 15.6360, -8.0440

Conversions

Conversions Part 2

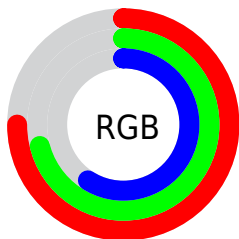
Format	Color
RYB	162, 191, 150
Decimal	12564118
CIELab	74.00, -2.05, 17.46
CIELCh	74, 17.582, 96.699
Yxy	46.7039, 0.3469, 0.3708
Android (android.graphics.Color)	4290754198 (0xFFBFB696)
YUV	181.0430, -15.3042, 8.7323
Hunter-Lab	68.3403, -5.4794, 17.0010

Details

The CIELCh color **74, 17.582, 96.699** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 17.941, 282.064**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 17.800, 96.605**, and **54, 17.506, 96.612** is the 20% darker color. If you saturate the color by 10%, you get **73, 25.848, 95.492**, and if you desaturate by 10%, it is **76, 9.350, 97.883**.

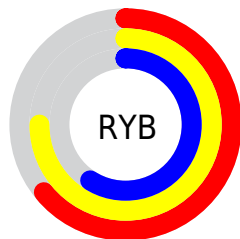
Distribution



Red (75%)

Green (71%)

Blue (59%)



Red (64%)

Yellow (75%)

Blue (59%)

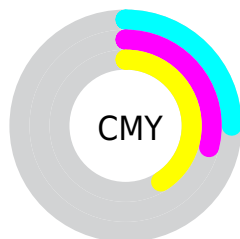


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 17.582, 96.699 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, 17.582, 96.699 by changing the saturation by 10% instead.

■ 74, 17.582, 96.699

■ 74, 17.582, 96.699

■ 100, 17.582,
96.699

■ 64, 17.582, 96.699

■ 94, 17.582, 96.699

■ 54, 17.582, 96.699

■ 44, 17.582, 96.699

■ 34, 17.582, 96.699

■ 24, 17.582, 96.699

■ 14, 17.582, 96.699

■ 4, 17.582, 96.699

■ 0, 17.582, 96.699

■ 74, 17.582, 96.699

■ 74, 17.582, 96.699

73, 25.848, 95.492

76, 9.350, 97.883

71, 34.077, 94.250

77, 1.185, 98.910

70, 42.149, 92.987

79, 6.895, 280.177

68, 49.851, 91.702

80, 14.883,
281.224

67, 56.831, 90.386

82, 22.777,
282.231

66, 62.556, 89.010

83, 25.679,
280.686

65, 66.377, 87.513

64, 68.170, 86.124

84, 23.738,
276.122

86, 21.971,
270.823

87, 20.418,
264.704

Harmonies

Complementary

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



74, 17.582, 96.699



66, 17.941, 282.064

Rectangle

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



74, 17.582, 96.699



74, 17.582, 146.699



74, 17.582, 276.699



74, 17.582, 326.699

Sweetspot

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



74, 17.583, 96.706



96, 6.014, 98.489



66, 16.869, 2.940



52, 4.024, 98.416



99, 0.012, 296.813



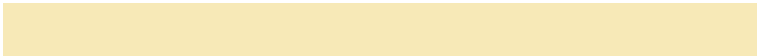
52, 0.007, 296.813

Same Dimension

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



74, 17.583, 96.706



92, 26.318, 96.110



76, 22.304, 119.243



39, 4.570, 98.126



54, 59.354, 86.397



8, 12.619, 91.817

Inverse Universe

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



66, 17.941, 282.064



80, 26.996, 282.861



64, 23.285, 302.002



37, 4.615, 280.357



22, 79.248, 301.441



2, 14.747, 283.557

Previews

White Background



This preview shows how the CIELCh color 74, 17.582, 96.699 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, 17.582, 96.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

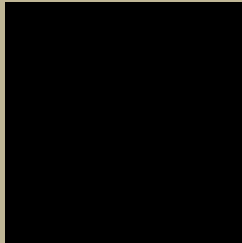
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

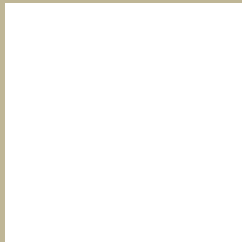
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 17.582, 96.699

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.582, 96.699.



This preview shows how white text looks on a background with the CIELCh color 74, 17.582, 96.699.

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, 17.582, 96.699

Protanopia

74, 17.669, 95.422

Deuteranopia

74, 19.347, 61.818



Tritanopia
74, 10.644, 334.949

Trichromacy



Original Color
74, 17.582, 96.699

Protanomaly
74, 17.669, 95.422

Deuteranomaly
74, 17.780, 74.243

Tritanomaly
74, 6.314, 34.639

Monochromacy



Original Color
74, 17.582, 96.699

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.118, 95.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.582, 96.699 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, 182, 150)` looks like.

```
.text, #text, p{  
    color:rgb(191, 182, 150)  
}
```

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, 182, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 182, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.582, 96.699 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, 182, 150) }
```

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

```
.border{ border-color:rgb(191, 182, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 182, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 182, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 182, 150);  
box-shadow:4px 4px 4px 4px rgb(191, 182,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.582, 96.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 182, 150) }
```

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

```
.background{ background-color: rgb(191,  
182, 150) }
```

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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