

Converting Colors

CIELCh(74, 7.314, 97.408)

Have a look what the booklet for
CIELCh(74, 7.314, 97.408) contains.

CIELCh(74, 7.163, 97.124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 7.163, 97.124)

Conversions

Conversions Part 1

Format	Color
Hex	BAB6A9
RGB	186, 182, 169
RGB Percent	73%, 71%, 66%
CMY	0.2710, 0.2866, 0.3376
CMYK	0.00, 0.02, 0.09, 0.27
HSL	46°, 11%, 70%
HSV	46°, 9%, 73%
XYZ	44.0864, 46.7039, 44.1799
YIQ	181.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

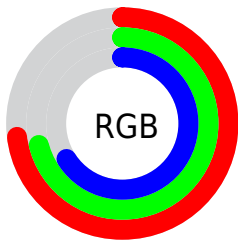
Format	Color
RYB	174, 186, 169
Decimal	12236457
CIELab	74.00, -0.89, 7.11
CIELCh	74, 7.163, 97.124
Yxy	46.7039, 0.3266, 0.3460
Android (android.graphics.Color)	4290426537 (0xFFBAB6A9)
YUV	181.7140, -6.2680, 3.7588
Hunter-Lab	68.3403, -4.4448, 9.5090

Details

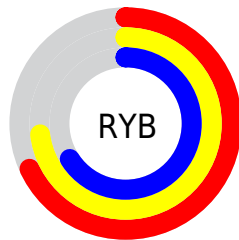
The CIELCh color $74, 7.163, 97.124$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 7.227, 279.345$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.311, 98.149$, and $54, 7.073, 95.843$ is the 20% darker color. If you saturate the color by 10%, you get $72, 15.087, 95.960$, and if you desaturate by 10%, it is $76, 0.677, 278.560$.

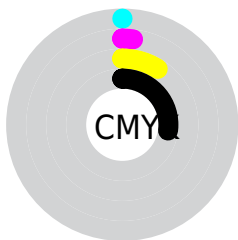
Distribution



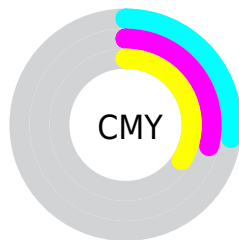
- Red (73%)
- Green (71%)
- Blue (66%)



- Red (68%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.163, 97.124 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, 7.163, 97.124 by changing the saturation by 10% instead.

 74, 7.163, 97.124

 74, 7.163, 97.124

 100, 7.163, 97.124

 64, 7.163, 97.124

 94, 7.163, 97.124

 54, 7.163, 97.124

 44, 7.163, 97.124

 34, 7.163, 97.124

 24, 7.163, 97.124

 14, 7.163, 97.124

 4, 7.163, 97.124

 0, 7.163, 97.124

 74, 7.163, 97.124

 74, 7.163, 97.124

72, 15.087, 95.960

76, 0.677, 278.560

71, 23.064, 94.739

77, 8.424, 279.437

69, 31.043, 93.486

79, 16.074,
280.486

68, 38.925, 92.207

81, 23.627,
281.492

67, 46.533, 90.901

65, 53.569, 89.559

82, 27.557,
280.617

64, 59.560, 88.152

83, 25.522,
276.164

63, 63.875, 86.618

62, 66.252, 84.904

84, 23.663,
271.015

86, 22.022,
265.090

87, 20.646,
258.344

Harmonies

Complementary

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



74, 7.163, 97.124



71, 7.227, 279.345

Rectangle

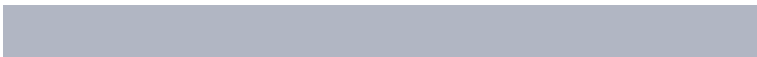
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 7.163, 97.124



74, 7.163, 147.124



74, 7.163, 277.124



74, 7.163, 327.124

Sweetspot

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



74, 7.164, 97.138



95, 2.897, 97.797



71, 6.879, 0.312



51, 2.217, 97.719



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, 7.164, 97.138



93, 10.702, 96.903



75, 9.294, 119.352



38, 4.395, 97.117



52, 58.308, 85.044



7, 10.833, 90.928

Inverse Universe

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



71, 7.227, 279.345



89, 10.806, 279.610



70, 9.473, 300.494



36, 4.433, 279.369



23, 76.730, 300.805



2, 12.797, 282.160

Previews

White Background



This preview shows how the CIELCh color 74, 7.163, 97.124 looks on a white background.

Color Contrast Check

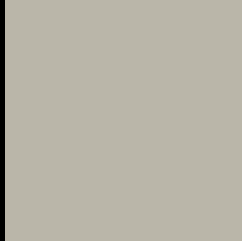
Large Text (above 18pt) WCAG AA × Fail

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, 7.163, 97.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

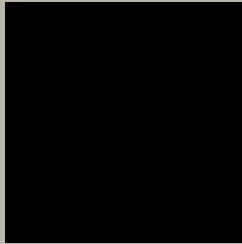
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

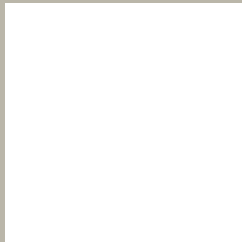
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.163, 97.124

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.163, 97.124.



This preview shows how white text looks on a background with the CIELCh color 74, 7.163, 97.124.

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, 7.163, 97.124

Protanopia

74, 6.995, 86.921

Deuteranopia

74, 11.374, 36.669



Tritanopia
74, 8.640, 318.675

Trichromacy



Original Color
74, 7.163, 97.124

Protanomaly
74, 6.858, 89.909

Deuteranomaly
74, 8.524, 50.192

Tritanomaly
74, 4.336, 341.059

Monochromacy



Original Color
74, 7.163, 97.124

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.714, 101.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.163, 97.124 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(186, 182, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 169)  
}
```

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(186, 182, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.163, 97.124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

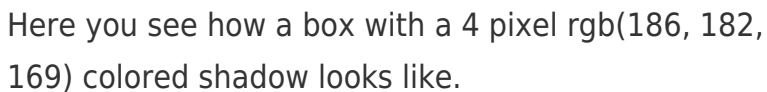
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 182, 169) }
```

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

```
.border{ border-color:rgb(186, 182, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 182, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 182, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 182, 169); box-shadow:4px 4px 4px 4px rgb(186, 182, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.163, 97.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 169) }
```

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

```
.background{ background-color: rgb(186,  
182, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor