

Converting Colors

CIELCh(74, 11.922, 46.937)

Have a look what the booklet for
CIELCh(74, 11.922, 46.937) contains.

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Color

CIELCh(74, 11.903, 46.957)

Conversions

Conversions Part 1

Format	Color
Hex	CBB0A6
RGB	203, 176, 166
RGB Percent	80%, 69%, 65%
CMY	0.2025, 0.3084, 0.3476
CMYK	0.00, 0.13, 0.18, 0.20
HSL	16°, 26%, 72%
HSV	16°, 18%, 80%
XYZ	47.2385, 46.7039, 42.7705
YIQ	182.9330, 19.3020, 2.6140

Conversions

Conversions Part 2

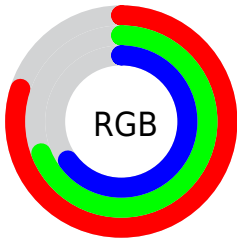
Format	Color
RYB	203, 180, 166
Decimal	13349030
CIELab	74.00, 8.12, 8.70
CIElCh	74, 11.903, 46.957
Yxy	46.7039, 0.3455, 0.3416
Android (android.graphics.Color)	4291539110 (0xFFCBB0A6)
YUV	182.9330, -8.3480, 17.5988
Hunter-Lab	68.3403, 3.7882, 10.7318

Details

The CIELCh color $74, 11.903, 46.957$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 10.672, 229.222$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.180, 53.425$, and $54, 12.090, 48.509$ is the 20% darker color. If you saturate the color by 10%, you get $70, 19.192, 46.610$, and if you desaturate by 10%, it is $78, 5.157, 47.374$.

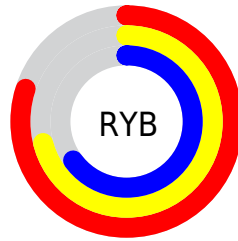
Distribution



Red (80%)

Green (69%)

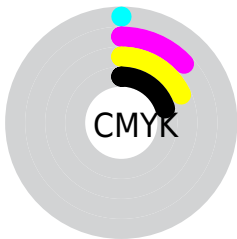
Blue (65%)



Red (80%)

Yellow (71%)

Blue (65%)

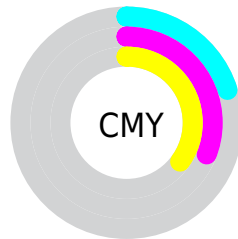


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 11.903, 46.957 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, 11.903, 46.957 by changing the saturation by 10% instead.

 74, 11.903, 46.957

 74, 11.903, 46.957

 100, 11.903,
46.957

 64, 11.903, 46.957

 94, 11.903, 46.957

 54, 11.903, 46.957

 44, 11.903, 46.957

 34, 11.903, 46.957

 24, 11.903, 46.957

 14, 11.903, 46.957

 4, 11.903, 46.957

 0, 11.903, 46.957

 74, 11.903, 46.957

 74, 11.903, 46.957

70, 19.192, 46.610

78, 5.157, 47.374

66, 27.064, 46.354

83, 1.094, 228.483

62, 35.533, 46.232

87, 6.903, 228.649

58, 44.569, 46.260

91, 12.320,
229.214

55, 54.047, 46.423

95, 15.692,
206.891

52, 63.653, 46.628

49, 72.670, 46.604

97, 17.068,
198.373

47, 79.916, 45.931

46, 81.168, 45.882

Harmonies

Complementary

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



74, 11.903, 46.957



77, 10.672, 229.222

Rectangle

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



74, 11.903, 46.957



74, 11.903, 96.957



74, 11.903, 226.957



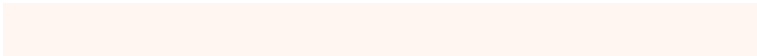
74, 11.903, 276.957

Sweetspot

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



74, 11.902, 46.969



97, 3.732, 47.468



72, 20.129, 334.181



52, 2.553, 47.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 11.902, 46.969



89, 17.570, 46.812



79, 15.451, 96.176



41, 3.593, 47.328



38, 69.347, 46.336



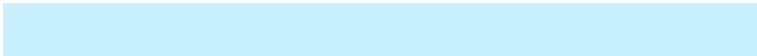
6, 15.477, 35.156

Inverse Universe

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



77, 10.672, 229.222



92, 15.329, 229.595



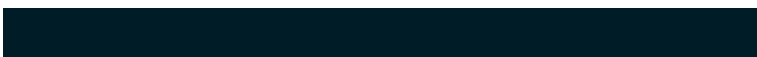
72, 15.683, 280.720



42, 3.407, 228.572



47, 33.875, 249.954



9, 11.886, 238.749

Previews

White Background



This preview shows how the CIELCh color 74, 11.903, 46.957 looks on a white background.

Color Contrast Check

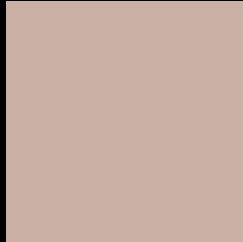
Large Text (above 18pt) WCAG AA × Fail

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, 11.903, 46.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

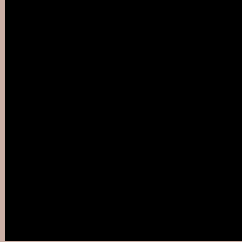
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 11.903, 46.957

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.903, 46.957.



This preview shows how white text looks on a background with the CIELCh color 74, 11.903, 46.957.

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, 11.903, 46.957

Protanopia

74, 6.995, 86.921

Deuteranopia

74, 12.626, 45.358



Tritanopia
74, 14.530, 349.398

Trichromacy



Original Color
74, 11.903, 46.957

Protanomaly
74, 8.302, 65.177

Deuteranomaly
74, 12.263, 46.133

Tritanomaly
74, 12.137, 7.643

Monochromacy



Original Color
74, 11.903, 46.957

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.019, 51.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.903, 46.957 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(203, 176, 166)` looks like.

```
.text, #text, p{  
    color:rgb(203, 176, 166)  
}
```

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(203, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 176, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.903, 46.957 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(203, 176, 166) }
```

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

```
.border{ border-color:rgb(203, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(203, 176,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.903, 46.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 176, 166) }
```

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

```
.background{ background-color: rgb(203,  
176, 166) }
```

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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