

Converting Colors

CIELCh(72, 30.145, 74.486)

Have a look what the booklet for
CIELCh(72, 30.145, 74.486) contains.

CIELCh(72, 30.183, 74.462)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 30.183, 74.462)

Conversions

Conversions Part 1

Format	Color
Hex	D1AA7C
RGB	209, 170, 124
RGB Percent	82%, 67%, 49%
CMY	0.1812, 0.3340, 0.5144
CMYK	0.00, 0.19, 0.41, 0.18
HSL	32°, 48%, 65%
HSV	32°, 41%, 82%
XYZ	44.2072, 43.6590, 25.1080
YIQ	176.4170, 38.0100, -6.0380

Conversions

Conversions Part 2

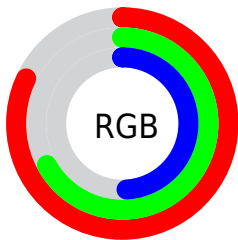
Format	Color
RYB	196, 209, 124
Decimal	13740668
CIELab	72.00, 8.09, 29.08
CIELCh	72, 30.183, 74.462
Yxy	43.6590, 0.3913, 0.3865
Android (android.graphics.Color)	4291930748 (0xFFD1AA7C)
YUV	176.4170, -25.8416, 28.5753
Hunter-Lab	66.0750, 3.7934, 23.7228

Details

The CIELCh color **72, 30.183, 74.462** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 27.696, 266.885**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 27.523, 82.756**, and **52, 30.458, 74.638** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.291, 73.106**, and if you desaturate by 10%, it is **75, 22.323, 75.800**.

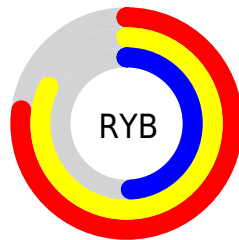
Distribution



Red (82%)

Green (67%)

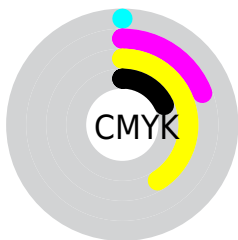
Blue (49%)



Red (77%)

Yellow (82%)

Blue (49%)

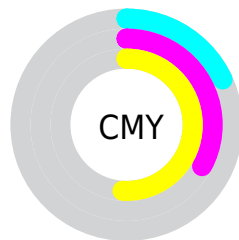


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 30.183, 74.462 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 72, 30.183, 74.462 by changing the saturation by 10% instead.

 72, 30.183, 74.462

 72, 30.183, 74.462

 100, 30.183,
74.462

 62, 30.183, 74.462

 92, 30.183, 74.462

 52, 30.183, 74.462

 42, 30.183, 74.462

 32, 30.183, 74.462

 22, 30.183, 74.462

 12, 30.183, 74.462

 2, 30.183, 74.462

 0, 30.183, 74.462

 72, 30.183, 74.462

 72, 30.183, 74.462

69, 38.291, 73.106

75, 22.323, 75.800

67, 46.534, 71.697

78, 14.751, 77.105

64, 54.665, 70.189

81, 7.472, 78.368

62, 62.196, 68.464

84, 0.470, 78.932

59, 68.303, 66.290

87, 6.274, 260.939

57, 72.308, 63.770

90, 12.786,
262.083

92, 13.025,
245.202

95, 13.150,
218.311

97, 15.375,
198.482

Harmonies

Complementary

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



72, 30.183, 74.462



66, 27.696, 266.885

Rectangle

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



72, 30.183, 74.462



72, 30.183, 124.462



72, 30.183, 254.462



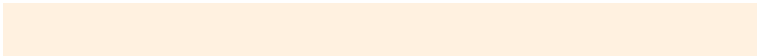
72, 30.183, 304.462

Sweetspot

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



72, 30.183, 74.468



96, 9.886, 78.190



62, 38.776, 349.732



51, 6.575, 78.026



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 30.183, 74.468



84, 43.441, 73.262



82, 43.862, 107.800



43, 3.957, 78.525



47, 61.451, 64.373



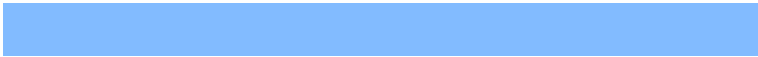
9, 15.773, 63.761

Inverse Universe

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



66, 27.696, 266.885



75, 39.101, 269.183



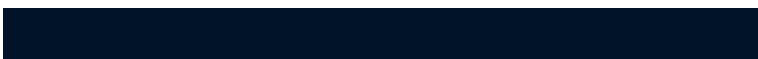
56, 48.739, 296.634



42, 3.895, 261.054



34, 56.975, 287.540



6, 17.103, 275.554

Previews

White Background



This preview shows how the CIELCh color 72, 30.183, 74.462 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 72, 30.183, 74.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

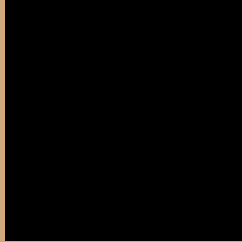
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 30.183, 74.462

Background



This preview shows how black text looks on a background with the CIELCh color 72, 30.183, 74.462.



This preview shows how white text looks on a background with the CIELCh color 72, 30.183, 74.462.

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

72, 30.183, 74.462

Protanopia

72, 27.464, 96.137

Deuteranopia

72, 30.273, 72.652



Tritanopia
72, 20.800, 1.680

Trichromacy



Original Color
72, 30.183, 74.462

Protanomaly
72, 27.738, 87.232

Deuteranomaly
72, 30.273, 72.652

Tritanomaly
72, 19.408, 33.768

Monochromacy



Original Color
72, 30.183, 74.462

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 10.752, 78.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 30.183, 74.462 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(209, 170, 124)` looks like.

```
.text, #text, p{  
    color:rgb(209, 170, 124)  
}
```

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(209, 170, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 170, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 30.183, 74.462 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(209, 170, 124) }
```

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

```
.border{ border-color:rgb(209, 170, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 170, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 170, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 170, 124);  
box-shadow:4px 4px 4px 4px rgb(209, 170,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 30.183, 74.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 170, 124) }
```

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

```
.background{ background-color: rgb(209,  
170, 124) }
```

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