

Converting Colors

CIELCh(72, 38.696, 81.771)

Have a look what the booklet for
CIELCh(72, 38.696, 81.771) contains.

CIELCh(72, 38.938, 81.574)	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, 38.938, 81.574)

Conversions

Conversions Part 1

Format	Color
Hex	D1AB6A
RGB	209, 171, 106
RGB Percent	82%, 67%, 42%
CMY	0.1809, 0.3298, 0.5847
CMYK	0.00, 0.18, 0.49, 0.18
HSL	38°, 53%, 62%
HSV	38°, 49%, 82%
XYZ	43.3975, 43.6590, 19.7462
YIQ	174.9520, 43.5130, -12.1590

Conversions

Conversions Part 2

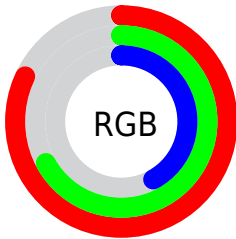
Format	Color
RYB	166, 209, 106
Decimal	13740906
CIELab	72.00, 5.71, 38.52
CIElCh	72, 38.938, 81.574
Yxy	43.6590, 0.4063, 0.4088
Android (android.graphics.Color)	4291930986 (0xFFD1AB6A)
YUV	174.9520, -33.9933, 29.8601
Hunter-Lab	66.0750, 1.6061, 28.5339

Details

The CIELCh color **72, 38.938, 81.574** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 37.784, 277.319**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 36.911, 88.860**, and **52, 38.752, 81.697** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.095, 80.107**, and if you desaturate by 10%, it is **74, 30.745, 82.994**.

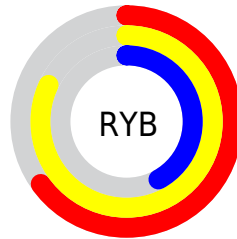
Distribution



Red (82%)

Green (67%)

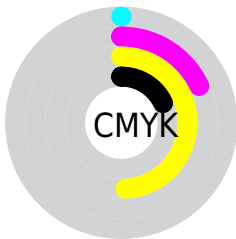
Blue (42%)



Red (65%)

Yellow (82%)

Blue (42%)

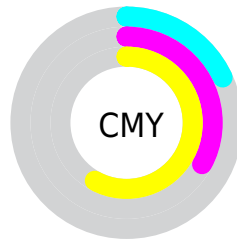


Cyan (0%)

Magenta (18%)

Yellow (49%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 38.938, 81.574 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, 38.938, 81.574 by changing the saturation by 10% instead.

72, 38.938, 81.574

72, 38.938, 81.574

100, 38.938,
81.574

62, 38.938, 81.574

92, 38.938, 81.574

52, 38.938, 81.574

42, 38.938, 81.574

32, 38.938, 81.574

22, 38.938, 81.574

12, 38.938, 81.574

2, 38.938, 81.574

0, 38.938, 81.574

72, 38.938, 81.574

72, 38.938, 81.574

70, 47.095, 80.107

74, 30.745, 82.994

68, 54.939, 78.544

77, 22.655, 84.367

66, 61.975, 76.805

79, 14.733, 85.698

64, 67.434, 74.732

81, 7.005, 86.974

62, 70.797, 72.188

84, 0.528, 268.789

62, 71.020, 72.013

87, 7.872, 269.506

89, 15.041,
270.644

91, 13.858,
256.596

93, 12.729,
235.808

Harmonies

Complementary

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



72, 38.938, 81.574



59, 37.784, 277.319

Rectangle

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



72, 38.938, 81.574



72, 38.938, 131.574



72, 38.938, 261.574



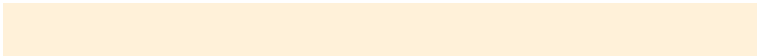
72, 38.938, 311.574

Sweetspot

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



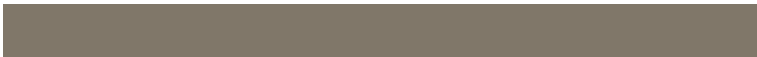
72, 38.938, 81.578



96, 13.387, 86.234



58, 45.021, 356.561



50, 9.160, 85.958



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, 38.938, 81.578



84, 55.093, 80.050



81, 52.733, 110.947



43, 4.277, 86.961



50, 60.454, 72.535



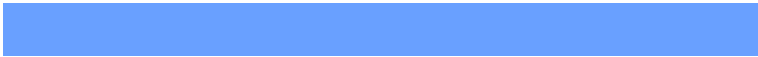
11, 16.385, 74.626

Inverse Universe

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



59, 37.784, 277.319



66, 53.532, 280.285



50, 60.105, 300.358



41, 4.259, 269.463



30, 67.096, 294.216



5, 19.000, 281.363

Previews

White Background



This preview shows how the CIELCh color 72, 38.938, 81.574 looks on a white background.

Color Contrast Check

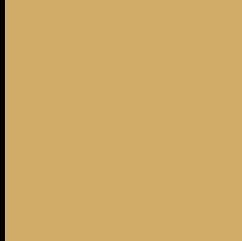
Large Text (above 18pt) WCAG AA × Fail

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, 38.938, 81.574 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, 38.938, 81.574

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.938, 81.574.



This preview shows how white text looks on a background with the CIELCh color 72, 38.938, 81.574.

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, 38.938, 81.574

Protanopia

72, 37.492, 95.970

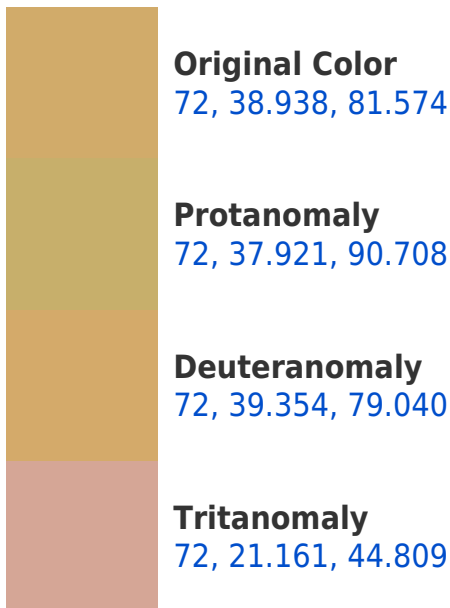
Deuteranopia

72, 39.617, 77.100



Tritanopia
72, 21.039, 3.497

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.938, 81.574 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, 171, 106)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 106)  
}
```

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, 171, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.938, 81.574 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, 171, 106) }
```

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

```
.border{ border-color:rgb(209, 171, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 171, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 106);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.938, 81.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 106) }
```

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

```
.background{ background-color: rgb(209,  
171, 106) }
```

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