

Converting Colors

CIELCh(72, 41.648, 80.285)

Have a look what the booklet for
CIELCh(72, 41.648, 80.285) contains.

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Color

CIELCh(72, 41.716, 80.292)

Conversions

Conversions Part 1

Format	Color
Hex	D4AA65
RGB	212, 170, 101
RGB Percent	83%, 67%, 40%
CMY	0.1688, 0.3335, 0.6041
CMYK	0.00, 0.20, 0.52, 0.17
HSL	37°, 56%, 61%
HSV	37°, 52%, 83%
XYZ	43.8484, 43.6590, 18.4162
YIQ	174.6920, 47.1810, -12.5550

Conversions

Conversions Part 2

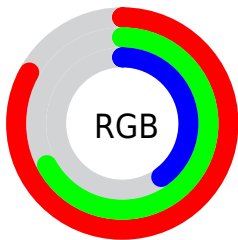
Format	Color
RYB	169, 212, 101
Decimal	13937253
CIELab	72.00, 7.03, 41.12
CIELCh	72, 41.716, 80.292
Yxy	43.6590, 0.4140, 0.4122
Android (android.graphics.Color)	4292127333 (0xFFD4AA65)
YUV	174.6920, -36.3302, 32.7191
Hunter-Lab	66.0750, 2.8242, 29.7274

Details

The CIELCh color **72, 41.716, 80.292** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 40.155, 277.386**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 39.007, 88.967**, and **52, 41.577, 80.066** is the 20% darker color. If you saturate the color by 10%, you get **70, 49.918, 78.799**, and if you desaturate by 10%, it is **74, 33.431, 81.729**.

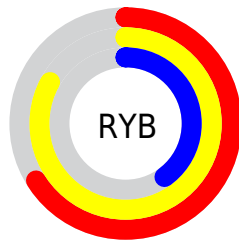
Distribution



Red (83%)

Green (67%)

Blue (40%)



Red (66%)

Yellow (83%)

Blue (40%)

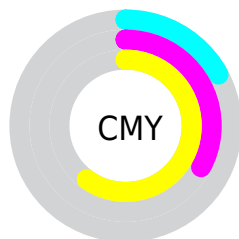


Cyan (0%)

Magenta (20%)

Yellow (52%)

Black (17%)



Cyan (17%)

Magenta (33%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 41.716, 80.292 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, 41.716, 80.292 by changing the saturation by 10% instead.

 72, 41.716, 80.292

 72, 41.716, 80.292

 100, 41.716,
80.292

 62, 41.716, 80.292

 92, 41.716, 80.292

 52, 41.716, 80.292

 42, 41.716, 80.292

 32, 41.716, 80.292

 22, 41.716, 80.292

 12, 41.716, 80.292

 2, 41.716, 80.292

 0, 41.716, 80.292

 72, 41.716, 80.292

 72, 41.716, 80.292

70, 49.918, 78.799

74, 33.431, 81.729

68, 57.703, 77.188

77, 25.234, 83.117

65, 64.485, 75.355

79, 17.207, 84.464

63, 69.417, 73.106

82, 9.382, 85.764

62, 71.859, 71.087

84, 1.764, 86.903

87, 5.652, 268.340

90, 12.881,
269.487

92, 12.927,
256.194

94, 11.903,
232.904

Harmonies

Complementary

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



72, 41.716, 80.292



59, 40.155, 277.386

Rectangle

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



72, 41.716, 80.292



72, 41.716, 130.292



72, 41.716, 260.292



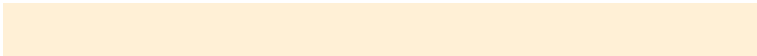
72, 41.716, 310.292

Sweetspot

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



72, 41.716, 80.296



95, 14.179, 85.276



57, 48.243, 357.150



50, 9.601, 85.006



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, 41.716, 80.296



82, 58.593, 78.598



82, 56.363, 110.740



44, 4.324, 86.132



51, 61.169, 71.612



11, 17.647, 73.652

Inverse Universe

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



59, 40.155, 277.386



64, 56.524, 280.804



49, 64.956, 300.839



42, 4.301, 268.650



31, 66.836, 293.651



5, 20.166, 281.951

Previews

White Background



This preview shows how the CIELCh color 72, 41.716, 80.292 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, 41.716, 80.292 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, 41.716, 80.292

Background



This preview shows how black text looks on a background with the CIELCh color 72, 41.716, 80.292.



This preview shows how white text looks on a background with the CIELCh color 72, 41.716, 80.292.

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, 41.716, 80.292

Protanopia

72, 40.092, 95.712

Deuteranopia

72, 42.182, 77.935



Tritanopia
72, 23.078, 3.961

Trichromacy



Original Color
72, 41.716, 80.292

Protanomaly
72, 40.342, 89.418

Deuteranomaly
72, 41.953, 78.448

Tritanomaly
72, 23.421, 43.970

Monochromacy



Original Color
72, 41.716, 80.292

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 14.864, 84.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 41.716, 80.292 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(212, 170, 101)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 101)  
}
```

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(212, 170, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 41.716, 80.292 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(212, 170, 101) }
```

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

```
.border{ border-color:rgb(212, 170, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 101);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 41.716, 80.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 101) }
```

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

```
.background{ background-color: rgb(212,  
170, 101) }
```

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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