

Converting Colors

CIELCh(72, 44.534, 80.327)

Have a look what the booklet for
CIELCh(72, 44.534, 80.327) contains.

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Color

CIELCh(72, 44.489, 80.363)

Conversions

Conversions Part 1

Format	Color
Hex	D6AA60
RGB	214, 170, 96
RGB Percent	84%, 67%, 38%
CMY	0.1626, 0.3349, 0.6251
CMYK	0.00, 0.21, 0.55, 0.16
HSL	38°, 59%, 61%
HSV	38°, 55%, 84%
XYZ	43.9892, 43.6590, 17.0800
YIQ	174.7200, 49.9780, -13.6860

Conversions

Conversions Part 2

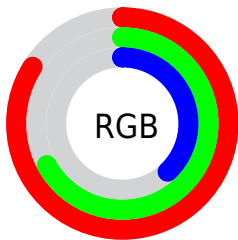
Format	Color
RYB	166, 214, 96
Decimal	14068320
CIELab	72.00, 7.45, 43.86
CIELCh	72, 44.489, 80.363
Yxy	43.6590, 0.4200, 0.4169
Android (android.graphics.Color)	4292258400 (0xFFD6AA60)
YUV	174.7200, -38.8090, 34.4486
Hunter-Lab	66.0750, 3.2047, 30.9264

Details

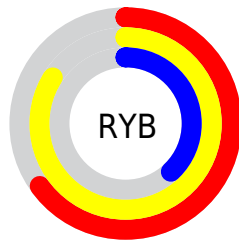
The CIELCh color **72, 44.489, 80.363** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 43.023, 278.670**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 41.410, 89.746**, and **52, 44.516, 80.617** is the 20% darker color. If you saturate the color by 10%, you get **70, 52.654, 78.844**, and if you desaturate by 10%, it is **74, 36.149, 81.816**.

Distribution



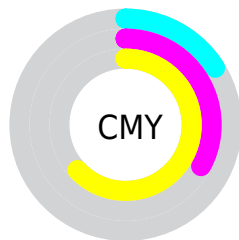
- Red (84%)
- Green (67%)
- Blue (38%)



- Red (65%)
- Yellow (84%)
- Blue (38%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 44.489, 80.363 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, 44.489, 80.363 by changing the saturation by 10% instead.

 72, 44.489, 80.363

 72, 44.489, 80.363

 100, 44.489,
80.363

 62, 44.489, 80.363

 92, 44.489, 80.363

 52, 44.489, 80.363

 42, 44.489, 80.363

 32, 44.489, 80.363

 22, 44.489, 80.363

 12, 44.489, 80.363

 2, 44.489, 80.363

 0, 44.489, 80.363

 72, 44.489, 80.363

 72, 44.489, 80.363

70, 52.654, 78.844

74, 36.149, 81.816

68, 60.242, 77.185

77, 27.849, 83.216

66, 66.575, 75.261

79, 19.694, 84.575

64, 70.774, 72.859

82, 11.729, 85.889

63, 72.231, 71.601

84, 3.968, 87.125

87, 3.592, 268.512

89, 10.963,
269.646

92, 12.885,
260.351

94, 11.507,
237.211

Harmonies

Complementary

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



72, 44.489, 80.363



58, 43.023, 278.670

Rectangle

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



72, 44.489, 80.363



72, 44.489, 130.363



72, 44.489, 260.363



72, 44.489, 310.363

Sweetspot

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



72, 44.489, 80.367



95, 15.161, 85.638



57, 50.994, 357.733



50, 10.169, 85.373



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, 44.489, 80.367



82, 61.501, 78.616



82, 59.456, 110.557



44, 4.347, 86.624



51, 61.144, 72.136



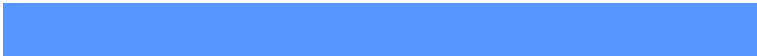
11, 17.703, 74.288

Inverse Universe

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



58, 43.023, 278.670



62, 59.857, 282.253



47, 69.253, 301.296



42, 4.327, 269.137



31, 67.485, 294.016



5, 20.296, 282.263

Previews

White Background



This preview shows how the CIELCh color 72, 44.489, 80.363 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 CIE LCh color 72, 44.489, 80.363 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, 44.489, 80.363

Background



This preview shows how black text looks on a background with the CIELCh color 72, 44.489, 80.363.



This preview shows how white text looks on a background with the CIELCh color 72, 44.489, 80.363.

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, 44.489, 80.363

Protanopia

72, 42.573, 96.021

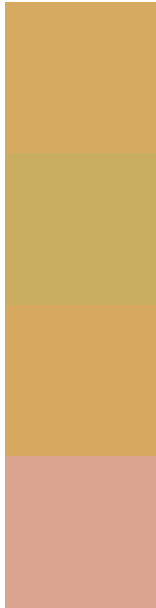
Deuteranopia

72, 44.545, 77.879



Tritanopia
72, 23.728, 5.897

Trichromacy



Original Color
72, 44.489, 80.363

Protanomaly
72, 42.789, 90.059

Deuteranomaly
72, 44.505, 79.120

Tritanomaly
72, 24.744, 45.397

Monochromacy



Original Color
72, 44.489, 80.363

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 16.052, 84.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 44.489, 80.363 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(214, 170, 96)` looks like.

```
.text, #text, p{  
    color:rgb(214, 170, 96)  
}
```

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(214, 170, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 170, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 44.489, 80.363 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(214, 170, 96) }
```

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

```
.border{ border-color:rgb(214, 170, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 170, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 170, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 170, 96);  
box-shadow:4px 4px 4px 4px rgb(214, 170,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 44.489, 80.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 170, 96) }
```

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

```
.background{ background-color: rgb(214,  
170, 96) }
```

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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