

Converting Colors

CIELCh(72, 44.316, 87.829)

Have a look what the booklet for
CIELCh(72, 44.316, 87.829) contains.

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Color

CIELCh(72, 44.515, 87.543)

Conversions

Conversions Part 1

Format	Color
Hex	CDAD5E
RGB	205, 173, 94
RGB Percent	80%, 68%, 37%
CMY	0.1962, 0.3217, 0.6315
CMYK	0.00, 0.16, 0.54, 0.20
HSL	43°, 53%, 59%
HSV	43°, 54%, 80%
XYZ	42.1261, 43.6590, 16.7905
YIQ	173.5620, 44.4310, -17.7850

Conversions

Conversions Part 2

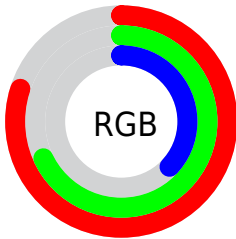
Format	Color
RYB	139, 205, 94
Decimal	13479262
CIELab	72.00, 1.91, 44.47
CIELCh	72, 44.515, 87.543
Yxy	43.6590, 0.4107, 0.4256
Android (android.graphics.Color)	4291669342 (0xFFCDAD5E)
YUV	173.5620, -39.2241, 27.5711
Hunter-Lab	66.0750, -1.8286, 31.1862

Details

The CIELCh color **72, 44.515, 87.543** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **54, 45.897, 284.526**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 43.350, 92.034**, and **52, 44.523, 87.713** is the 20% darker color. If you saturate the color by 10%, you get **70, 52.418, 86.117**, and if you desaturate by 10%, it is **74, 36.279, 88.925**.

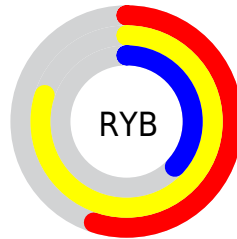
Distribution



Red (80%)

Green (68%)

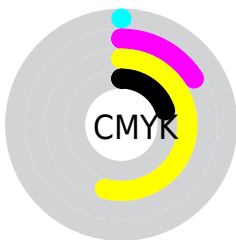
Blue (37%)



Red (55%)

Yellow (80%)

Blue (37%)

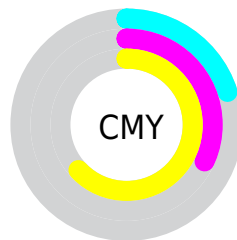


Cyan (0%)

Magenta (16%)

Yellow (54%)

Black (20%)



Cyan (20%)

Magenta (32%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 44.515, 87.543 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, 44.515, 87.543 by changing the saturation by 10% instead.

■ 72, 44.515, 87.543

■ 72, 44.515, 87.543

■ 100, 44.515,
87.543

■ 62, 44.515, 87.543

■ 92, 44.515, 87.543

■ 52, 44.515, 87.543

■ 42, 44.515, 87.543

■ 32, 44.515, 87.543

■ 22, 44.515, 87.543

■ 12, 44.515, 87.543

■ 2, 44.515, 87.543

■ 0, 44.515, 87.543

■ 72, 44.515, 87.543

■ 72, 44.515, 87.543

70, 52.418, 86.117

74, 36.279, 88.925

69, 59.581, 84.600

76, 27.943, 90.264

67, 65.378, 82.924

78, 19.632, 91.566

65, 69.048, 80.959

80, 11.413, 92.825

65, 70.388, 79.694

82, 3.314, 94.004

84, 4.653, 275.294

86, 12.487,
276.395

88, 18.714,
276.086

89, 16.379,
266.150

Harmonies

Complementary

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



72, 44.515, 87.543



54, 45.897, 284.526

Rectangle

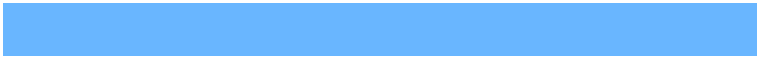
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 44.515, 87.543



72, 44.515, 137.543



72, 44.515, 267.543



72, 44.515, 317.543

Sweetspot

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



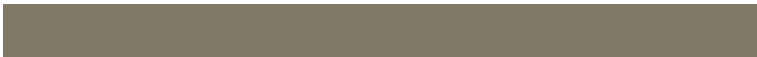
72, 44.515, 87.547



96, 15.433, 92.571



55, 47.396, 3.562



51, 10.437, 92.310



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, 44.515, 87.547



85, 63.290, 85.870



79, 57.073, 114.452



42, 4.538, 93.404



53, 60.160, 80.099



11, 16.008, 83.587

Inverse Universe

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



54, 45.897, 284.526



59, 66.810, 287.891



47, 65.528, 303.249



40, 4.557, 275.783



26, 75.226, 298.650



3, 18.937, 283.928

Previews

White Background



This preview shows how the CIELCh color 72, 44.515, 87.543 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, 44.515, 87.543 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, 44.515, 87.543

Background



This preview shows how black text looks on a background with the CIELCh color 72, 44.515, 87.543.



This preview shows how white text looks on a background with the CIELCh color 72, 44.515, 87.543.

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, 44.515, 87.543

Protanopia

72, 44.044, 96.175

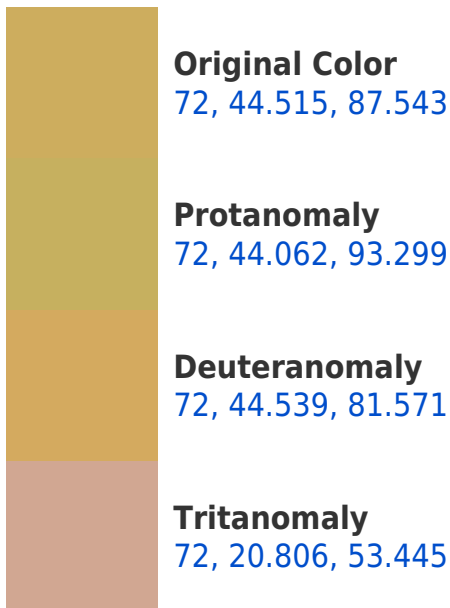
Deuteranopia

72, 45.006, 78.109

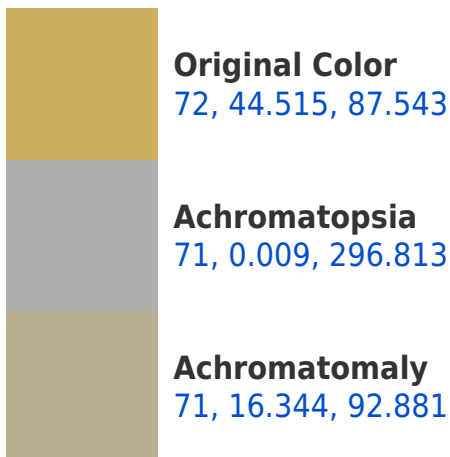


Tritanopia
72, 19.531, 1.883

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 44.515, 87.543 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(205, 173, 94)` looks like.

```
.text, #text, p{  
    color:rgb(205, 173, 94)  
}
```

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(205, 173, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 173, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 44.515, 87.543 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(205, 173, 94) }
```

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

```
.border{ border-color:rgb(205, 173, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 173, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 173, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 173, 94);  
box-shadow:4px 4px 4px 4px rgb(205, 173,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 44.515, 87.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 173, 94) }
```

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

```
.background{ background-color: rgb(205,  
173, 94) }
```

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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