

Converting Colors

CIELCh(72, 45.389, 84.200)

Have a look what the booklet for
CIELCh(72, 45.389, 84.200) contains.

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Color

CIELCh(72, 45.134, 84.184)

Conversions

Conversions Part 1

Format	Color
Hex	D1AB5D
RGB	209, 171, 93
RGB Percent	82%, 67%, 36%
CMY	0.1789, 0.3281, 0.6340
CMYK	0.00, 0.18, 0.55, 0.18
HSL	40°, 56%, 59%
HSV	40°, 55%, 82%
XYZ	43.0158, 43.6590, 16.5904
YIQ	173.4700, 47.6860, -16.2020

Conversions

Conversions Part 2

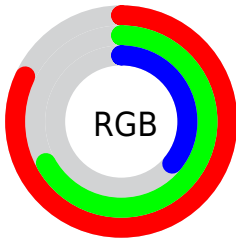
Format	Color
R _{YB}	150, 209, 93
Decimal	13740893
CIE Lab	72.00, 4.57, 44.90
CIE LCh	72, 45.134, 84.184
Yxy	43.6590, 0.4166, 0.4228
Android (android.graphics.Color)	4291930973 (0xFFD1AB5D)
YUV	173.4700, -39.6717, 31.1598
Hunter-Lab	66.0750, 0.5750, 31.3657

Details

The CIELCh color **72, 45.134, 84.184** 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 **55, 45.303, 282.168**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 43.171, 90.831**, and **52, 45.190, 84.041** is the 20% darker color. If you saturate the color by 10%, you get **70, 53.112, 82.694**, and if you desaturate by 10%, it is **74, 36.868, 85.615**.

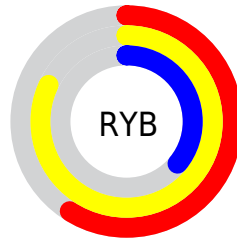
Distribution



Red (82%)

Green (67%)

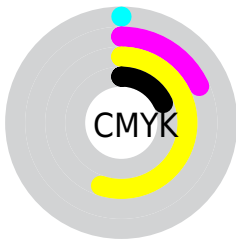
Blue (36%)



Red (59%)

Yellow (82%)

Blue (36%)

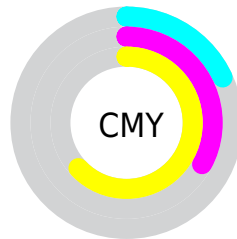


Cyan (0%)

Magenta (18%)

Yellow (55%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 45.134, 84.184 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, 45.134, 84.184 by changing the saturation by 10% instead.

 72, 45.134, 84.184

 72, 45.134, 84.184

 100, 45.134,
84.184

 62, 45.134, 84.184

 92, 45.134, 84.184

 52, 45.134, 84.184

 42, 45.134, 84.184

 32, 45.134, 84.184

 22, 45.134, 84.184

 12, 45.134, 84.184

 2, 45.134, 84.184

 0, 45.134, 84.184

 72, 45.134, 84.184

 72, 45.134, 84.184

70, 53.112, 82.694

74, 36.868, 85.615

68, 60.379, 81.082

76, 28.551, 86.995

66, 66.263, 79.248

78, 20.307, 88.335

65, 69.950, 77.021

80, 12.195, 89.631

64, 71.144, 75.920

83, 4.239, 90.853

85, 3.553, 272.194

87, 11.187,
273.311

90, 15.838,
270.717

91, 13.633,
255.774

Harmonies

Complementary

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



72, 45.134, 84.184



55, 45.303, 282.168

Rectangle

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



72, 45.134, 84.184



72, 45.134, 134.184



72, 45.134, 264.184



72, 45.134, 314.184

Sweetspot

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



72, 45.134, 84.188



95, 15.800, 89.405



55, 49.647, 1.390



50, 10.591, 89.144



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, 45.134, 84.188



83, 63.694, 82.331



80, 59.009, 112.868



43, 4.451, 90.381



52, 60.495, 76.390



11, 16.862, 79.261

Inverse Universe

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



55, 45.303, 282.168



60, 65.135, 285.918



47, 68.374, 302.563



41, 4.453, 272.831



28, 71.778, 296.660



4, 19.813, 283.384

Previews

White Background



This preview shows how the CIELCh color 72, 45.134, 84.184 looks on a white background.

Color Contrast Check

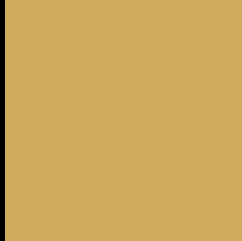
Large Text (above 18pt) WCAG AA × Fail

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, 45.134, 84.184 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, 45.134, 84.184

Background



This preview shows how black text looks on a background with the CIELCh color 72, 45.134, 84.184.



This preview shows how white text looks on a background with the CIELCh color 72, 45.134, 84.184.

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, 45.134, 84.184

Protanopia

72, 44.129, 95.618

Deuteranopia

72, 45.466, 78.333



Tritanopia
72, 21.933, 2.870

Trichromacy



Original Color
72, 45.134, 84.184

Protanomaly
72, 44.438, 91.618

Deuteranomaly
72, 45.213, 80.038

Tritanomaly
72, 23.100, 48.575

Monochromacy



Original Color
72, 45.134, 84.184

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 16.228, 88.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 45.134, 84.184 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 45.134, 84.184 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, 93) }
```

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

```
.border{ border-color:rgb(209, 171, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 93);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 45.134, 84.184 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, 93) }
```

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

```
.background{ background-color: rgb(209,  
171, 93) }
```

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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