

Converting Colors

CIELCh(73, 47.015, 83.245)

Have a look what the booklet for
CIELCh(73, 47.015, 83.245) contains.

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Color

CIELCh(73, 47.015, 83.245)

Conversions

Conversions Part 1

Format	Color
Hex	D6AD5C
RGB	214, 173, 92
RGB Percent	84%, 68%, 36%
CMY	0.1592, 0.3201, 0.6378
CMYK	0.00, 0.19, 0.57, 0.16
HSL	40°, 60%, 60%
HSV	40°, 57%, 84%
XYZ	44.8107, 45.1644, 16.5612
YIQ	176.0250, 50.4370, -16.4990

Conversions

Conversions Part 2

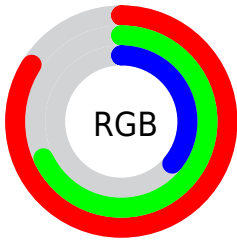
Format	Color
RYB	154, 214, 92
Decimal	14069084
CIELab	73.00, 5.53, 46.69
CIELCh	73, 47.015, 83.245
Yxy	45.1644, 0.4206, 0.4239
Android (android.graphics.Color)	4292259164 (0xFFD6AD5C)
YUV	176.0250, -41.4243, 33.3041
Hunter-Lab	67.2044, 1.4129, 32.4323

Details

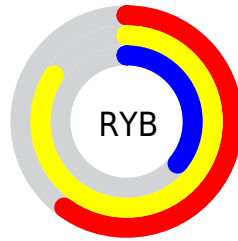
The CIELCh color **73, 47.015, 83.245** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **56, 46.941, 281.999**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 44.310, 92.248**, and **53, 46.818, 83.456** is the 20% darker color. If you saturate the color by 10%, you get **71, 55.079, 81.729**, and if you desaturate by 10%, it is **75, 38.626, 84.693**.

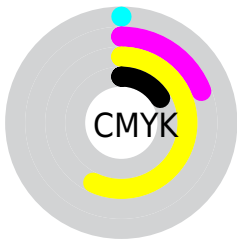
Distribution



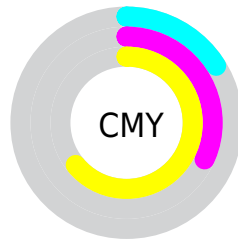
- Red (84%)
- Green (68%)
- Blue (36%)



- Red (60%)
- Yellow (84%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (57%)
- Black (16%)



- Cyan (16%)
- Magenta (32%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 47.015, 83.245 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 73, 47.015, 83.245 by changing the saturation by 10% instead.

 73, 47.015, 83.245

 73, 47.015, 83.245

 100, 47.015,
83.245

 63, 47.015, 83.245

 93, 47.015, 83.245

 53, 47.015, 83.245

 43, 47.015, 83.245

 33, 47.015, 83.245

 23, 47.015, 83.245

 13, 47.015, 83.245

 3, 47.015, 83.245

 0, 47.015, 83.245

 73, 47.015, 83.245

 73, 47.015, 83.245

71, 55.079, 81.729

75, 38.626, 84.693

69, 62.351, 80.074

77, 30.174, 86.088

67, 68.104, 78.164

80, 21.794, 87.441

65, 71.555, 75.819

82, 13.555, 88.750

65, 72.391, 75.064

84, 5.481, 89.997

87, 2.419, 271.377

89, 10.152,
272.475

91, 13.477,
266.826

93, 11.605,
247.453

Harmonies

Complementary

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



73, 47.015, 83.245



56, 46.941, 281.999

Rectangle

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



73, 47.015, 83.245



73, 47.015, 133.245



73, 47.015, 263.245



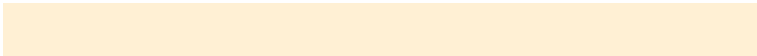
73, 47.015, 313.245

Sweetspot

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



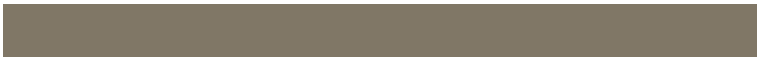
73, 47.015, 83.249



95, 15.674, 88.719



56, 52.091, 0.520



50, 10.508, 88.457



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 47.015, 83.249



83, 64.311, 81.453



82, 61.453, 112.013



44, 4.502, 89.696



52, 61.135, 75.558



12, 18.121, 78.315

Inverse Universe

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



56, 46.941, 281.999



60, 65.338, 285.655



47, 71.766, 302.374



42, 4.500, 272.164



29, 71.696, 296.227



5, 21.121, 284.116

Previews

White Background



This preview shows how the CIELCh color 73, 47.015, 83.245 looks on a white background.

Color Contrast Check

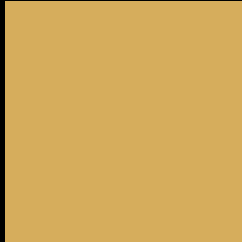
Large Text (above 18pt) WCAG AA × Fail

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 73, 47.015, 83.245 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 73, 47.015, 83.245

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.015, 83.245.



This preview shows how white text looks on a background with the CIELCh color 73, 47.015, 83.245.

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

73, 47.015, 83.245

Protanopia

73, 45.971, 95.904

Deuteranopia

73, 47.382, 78.818



Tritanopia
73, 23.271, 5.541

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.015, 83.245 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, 173, 92)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 92)  
}
```

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, 173, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.015, 83.245 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, 173, 92) }
```

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

```
.border{ border-color:rgb(214, 173, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 92);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.015, 83.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 92) }
```

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

```
.background{ background-color: rgb(214,  
173, 92) }
```

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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