

Converting Colors

CIELCh(73, 44.474, 81.022)

Have a look what the booklet for
CIELCh(73, 44.474, 81.022) contains.

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Color

CIELCh(73, 44.612, 81.173)

Conversions

Conversions Part 1

Format	Color
Hex	D8AD62
RGB	216, 173, 98
RGB Percent	85%, 68%, 38%
CMY	0.1545, 0.3230, 0.6170
CMYK	0.00, 0.20, 0.55, 0.15
HSL	38°, 60%, 61%
HSV	38°, 55%, 85%
XYZ	45.2668, 45.1644, 17.8033
YIQ	177.3070, 49.7030, -14.2090

Conversions

Conversions Part 2

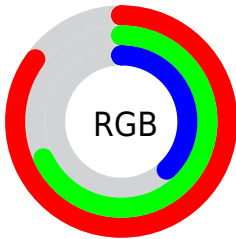
Format	Color
R _{YB}	166, 216, 98
Decimal	14200162
CIE _{Lab}	73.00, 6.85, 44.08
CIE _{LCh}	73, 44.612, 81.173
Y _{xy}	45.1644, 0.4182, 0.4173
Android (android.graphics.Color)	4292390242 (0xFFD8AD62)
YUV	177.3070, -39.0984, 33.9338
Hunter-Lab	67.2044, 2.6241, 31.3364

Details

The CIELCh color **73, 44.612, 81.173** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 43.453, 279.208**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 41.424, 91.566**, and **53, 44.634, 81.522** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.845, 79.660**, and if you desaturate by 10%, it is **75, 36.196, 82.622**.

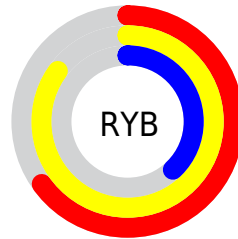
Distribution



Red (85%)

Green (68%)

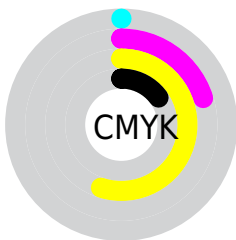
Blue (38%)



Red (65%)

Yellow (85%)

Blue (38%)

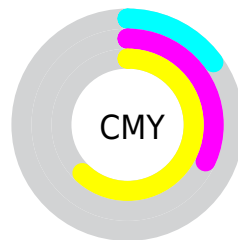


Cyan (0%)

Magenta (20%)

Yellow (55%)

Black (15%)



Cyan (15%)

Magenta (32%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 44.612, 81.173 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, 44.612, 81.173 by changing the saturation by 10% instead.

■ 73, 44.612, 81.173

■ 73, 44.612, 81.173

■ 100, 44.612,
81.173

■ 63, 44.612, 81.173

■ 93, 44.612, 81.173

■ 53, 44.612, 81.173

■ 43, 44.612, 81.173

■ 33, 44.612, 81.173

■ 23, 44.612, 81.173

■ 13, 44.612, 81.173

■ 3, 44.612, 81.173

■ 0, 44.612, 81.173

■ 73, 44.612, 81.173

■ 73, 44.612, 81.173

71, 52.845, 79.660

75, 36.196, 82.622

69, 60.495, 78.013

78, 27.810, 84.020

67, 66.891, 76.117

80, 19.560, 85.376

65, 71.157, 73.769

82, 11.494, 86.686

64, 72.714, 72.380

85, 3.624, 87.912

88, 4.050, 269.289

90, 11.539,
270.427

92, 11.940,
257.118

94, 10.928,
232.395

Harmonies

Complementary

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



73, 44.612, 81.173



58, 43.453, 279.208

Rectangle

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



73, 44.612, 81.173



73, 44.612, 131.173



73, 44.612, 261.173



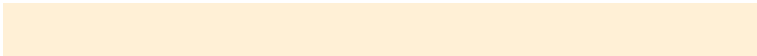
73, 44.612, 311.173

Sweetspot

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



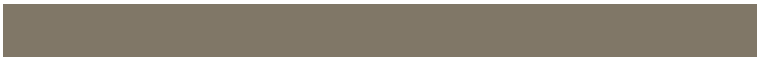
73, 44.612, 81.177



95, 14.358, 86.500



57, 50.675, 358.824



50, 9.720, 86.230



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, 44.612, 81.177



82, 61.723, 79.356



83, 59.507, 111.364



44, 4.381, 87.354



51, 61.119, 72.925



11, 17.791, 75.236

Inverse Universe

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



58, 43.453, 279.208



62, 60.636, 282.910



48, 69.066, 301.632



42, 4.366, 269.857



30, 68.461, 294.552



5, 20.490, 282.717

Previews

White Background



This preview shows how the CIELCh color 73, 44.612, 81.173 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, 44.612, 81.173 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, 44.612, 81.173

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.612, 81.173.



This preview shows how white text looks on a background with the CIELCh color 73, 44.612, 81.173.

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, 44.612, 81.173

Protanopia

73, 42.966, 96.159

Deuteranopia

73, 44.863, 78.216



Tritanopia
73, 23.271, 5.541

Trichromacy



Original Color
73, 44.612, 81.173

Protanomaly
73, 43.166, 90.271

Deuteranomaly
73, 44.830, 79.445

Tritanomaly
73, 24.254, 45.791

Monochromacy



Original Color
73, 44.612, 81.173

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 15.998, 85.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 44.612, 81.173 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(216, 173, 98)` looks like.

```
.text, #text, p{  
    color:rgb(216, 173, 98)  
}
```

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(216, 173, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 173, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.612, 81.173 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(216, 173, 98) }
```

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

```
.border{ border-color:rgb(216, 173, 98) }
```

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

Here you see how a box with a 4 pixel rgb(216, 173, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 173, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 173, 98);  
box-shadow:4px 4px 4px 4px rgb(216, 173,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.612, 81.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 173, 98) }
```

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

```
.background{ background-color: rgb(216,  
173, 98) }
```

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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