

Converting Colors

CIELCh(73, 41.933, 81.781)

Have a look what the booklet for
CIELCh(73, 41.933, 81.781) contains.

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Color

CIELCh(73, 41.644, 81.684)

Conversions

Conversions Part 1

Format	Color
Hex	D5AD67
RGB	213, 173, 103
RGB Percent	84%, 68%, 40%
CMY	0.1636, 0.3205, 0.5951
CMYK	0.00, 0.19, 0.52, 0.16
HSL	38°, 57%, 62%
HSV	38°, 52%, 84%
XYZ	44.9813, 45.1644, 19.2459
YIQ	176.9800, 46.3100, -13.2900

Conversions

Conversions Part 2

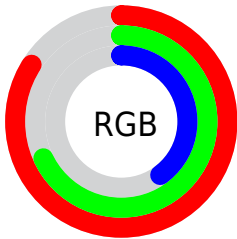
Format	Color
RYB	166, 213, 103
Decimal	14003559
CIELab	73.00, 6.02, 41.21
CIELCh	73, 41.644, 81.684
Yxy	45.1644, 0.4112, 0.4129
Android (android.graphics.Color)	4292193639 (0xFFD5AD67)
YUV	176.9800, -36.4721, 31.5895
Hunter-Lab	67.2044, 1.8658, 30.0638

Details

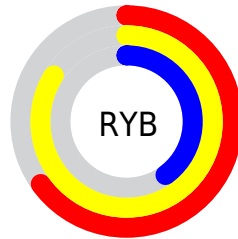
The CIELCh color **73, 41.644, 81.684** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 40.564, 278.371**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 39.008, 90.890**, and **53, 41.933, 81.792** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.895, 80.199**, and if you desaturate by 10%, it is **75, 33.293, 83.116**.

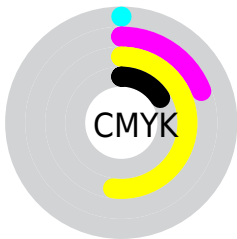
Distribution



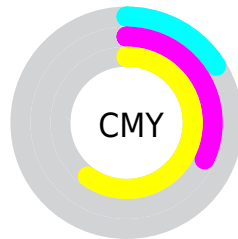
- Red (84%)
- Green (68%)
- Blue (40%)



- Red (65%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (52%)
- Black (16%)



- Cyan (16%)
- Magenta (32%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 41.644, 81.684 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, 41.644, 81.684 by changing the saturation by 10% instead.

 73, 41.644, 81.684

 73, 41.644, 81.684

 100, 41.644,
81.684

 63, 41.644, 81.684

 93, 41.644, 81.684

 53, 41.644, 81.684

 43, 41.644, 81.684

 33, 41.644, 81.684

 23, 41.644, 81.684

 13, 41.644, 81.684

 3, 41.644, 81.684

 0, 41.644, 81.684

 73, 41.644, 81.684

 73, 41.644, 81.684

71, 49.895, 80.199

75, 33.293, 83.116

69, 57.716, 78.604

78, 25.013, 84.499

67, 64.535, 76.807

80, 16.886, 85.841

65, 69.519, 74.631

82, 8.947, 87.133

63, 72.123, 72.458

85, 1.204, 88.198

88, 6.350, 269.686

90, 13.724,
270.827

92, 12.391,
254.548

94, 11.552,
231.085

Harmonies

Complementary

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



73, 41.644, 81.684



59, 40.564, 278.371

Rectangle

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



73, 41.644, 81.684



73, 41.644, 131.684



73, 41.644, 261.684



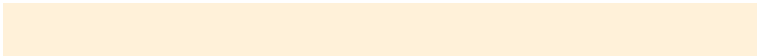
73, 41.644, 311.684

Sweetspot

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



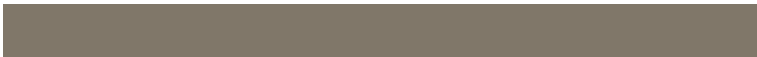
73, 41.644, 81.688



96, 13.450, 86.679



58, 47.541, 358.180



50, 9.202, 86.404



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, 41.644, 81.688



83, 58.059, 80.039



82, 55.975, 111.558



44, 4.384, 87.403



51, 61.118, 72.979



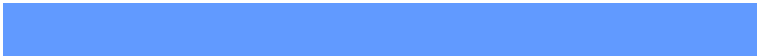
11, 17.797, 75.300

Inverse Universe

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



59, 40.564, 278.371



64, 56.818, 281.639



50, 64.235, 301.157



42, 4.368, 269.906



30, 68.527, 294.588



5, 20.503, 282.748

Previews

White Background



This preview shows how the CIELCh color 73, 41.644, 81.684 looks on a white background.

Color Contrast Check

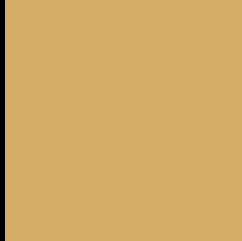
Large Text (above 18pt) WCAG AA × Fail

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, 41.644, 81.684 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, 41.644, 81.684

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.644, 81.684.

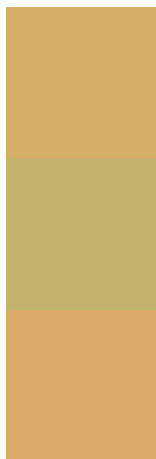


This preview shows how white text looks on a background with the CIELCh color 73, 41.644, 81.684.

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, 41.644, 81.684

Protanopia

73, 39.525, 95.695

Deuteranopia

73, 41.858, 77.232



Tritanopia
73, 22.630, 3.568

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.644, 81.684 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(213, 173, 103)` looks like.

```
.text, #text, p{  
    color:rgb(213, 173, 103)  
}
```

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(213, 173, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 173, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.644, 81.684 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(213, 173, 103) }
```

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

```
.border{ border-color:rgb(213, 173, 103) }
```

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

Here you see how a box with a 4 pixel rgb(213, 173, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 173, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 173, 103);  
box-shadow:4px 4px 4px 4px rgb(213, 173,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.644, 81.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 173, 103) }
```

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

```
.background{ background-color: rgb(213,  
173, 103) }
```

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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