

Converting Colors

CIELCh(73, 46.701, 79.081)

Have a look what the booklet for
CIELCh(73, 46.701, 79.081) contains.

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Color

CIELCh(73, 46.701, 79.081)

Conversions

Conversions Part 1

Format	Color
Hex	DBAB5E
RGB	219, 171, 94
RGB Percent	86%, 67%, 37%
CMY	0.1399, 0.3282, 0.6302
CMYK	0.00, 0.22, 0.57, 0.14
HSL	37°, 64%, 61%
HSV	37°, 57%, 86%
XYZ	45.9661, 45.1644, 16.9519
YIQ	176.5740, 53.3250, -13.7710

Conversions

Conversions Part 2

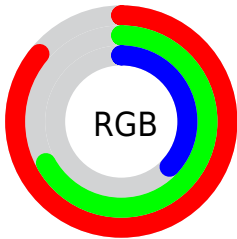
Format	Color
RYB	172, 219, 94
Decimal	14396254
CIELab	73.00, 8.85, 45.86
CIElCh	73, 46.701, 79.081
Yxy	45.1644, 0.4253, 0.4179
Android (android.graphics.Color)	4292586334 (0xFFDBAB5E)
YUV	176.5740, -40.7090, 37.2076
Hunter-Lab	67.2044, 4.4815, 32.0876

Details

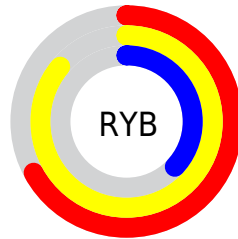
The CIELCh color **73, 46.701, 79.081** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **59, 44.702, 278.289**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 42.691, 90.707**, and **53, 46.699, 79.072** is the 20% darker color. If you saturate the color by 10%, you get **71, 55.000, 77.539**, and if you desaturate by 10%, it is **75, 38.194, 80.547**.

Distribution



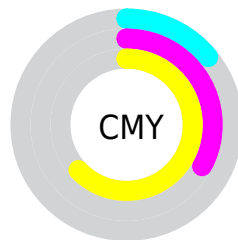
- Red (86%)
- Green (67%)
- Blue (37%)



- Red (67%)
- Yellow (86%)
- Blue (37%)



- Cyan (0%)
- Magenta (22%)
- Yellow (57%)
- Black (14%)



- Cyan (14%)
- Magenta (33%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 46.701, 79.081 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, 46.701, 79.081 by changing the saturation by 10% instead.

 73, 46.701, 79.081

 73, 46.701, 79.081

 100, 46.701,
79.081

 63, 46.701, 79.081

 93, 46.701, 79.081

 53, 46.701, 79.081

 43, 46.701, 79.081

 33, 46.701, 79.081

 23, 46.701, 79.081

 13, 46.701, 79.081

 3, 46.701, 79.081

 0, 46.701, 79.081

 73, 46.701, 79.081

 73, 46.701, 79.081

71, 55.000, 77.539

75, 38.194, 80.547

68, 62.637, 75.834

78, 29.723, 81.957

66, 68.865, 73.819

80, 21.404, 83.327

64, 72.817, 71.270

83, 13.290, 84.654

64, 73.784, 70.472

86, 5.396, 85.917

88, 2.282, 267.353

91, 9.756, 268.456

93, 10.506,
252.510

96, 10.101,
222.594

Harmonies

Complementary

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



73, 46.701, 79.081



59, 44.702, 278.289

Rectangle

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



73, 46.701, 79.081



73, 46.701, 129.081



73, 46.701, 259.081



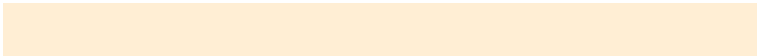
73, 46.701, 309.081

Sweetspot

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



73, 46.701, 79.085



95, 15.011, 84.637



57, 53.922, 356.941



50, 10.070, 84.372



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, 46.701, 79.085



81, 63.035, 77.286



84, 62.376, 109.656



45, 4.385, 85.622



51, 61.876, 71.039



12, 18.921, 73.118

Inverse Universe

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



59, 44.702, 278.289



62, 60.690, 282.038



47, 73.292, 301.206



43, 4.359, 268.151



32, 66.984, 293.317



6, 21.336, 282.749

Previews

White Background



This preview shows how the CIELCh color 73, 46.701, 79.081 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, 46.701, 79.081 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, 46.701, 79.081

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.701, 79.081.

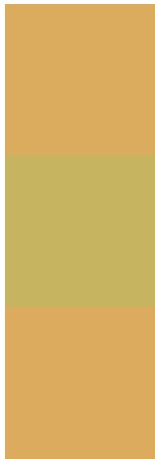


This preview shows how white text looks on a background with the CIELCh color 73, 46.701, 79.081.

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, 46.701, 79.081

Protanopia

73, 44.518, 95.758

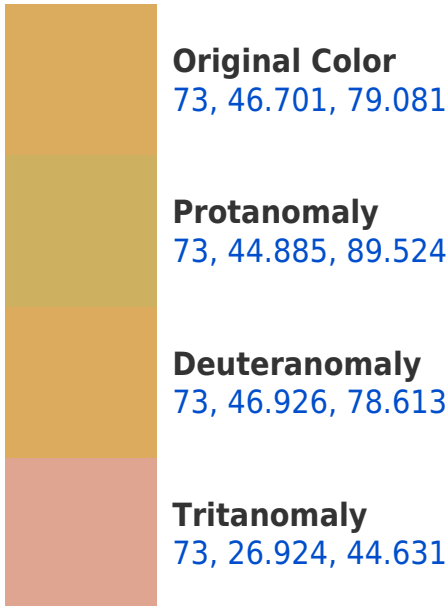
Deuteranopia

73, 46.926, 78.613



Tritanopia
73, 25.608, 7.311

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.701, 79.081 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(219, 171, 94)` looks like.

```
.text, #text, p{  
    color:rgb(219, 171, 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(219, 171, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 171, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.701, 79.081 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(219, 171, 94) }
```

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

```
.border{ border-color:rgb(219, 171, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 171, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 171, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 171, 94);  
box-shadow:4px 4px 4px 4px rgb(219, 171,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.701, 79.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 171, 94) }
```

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

```
.background{ background-color: rgb(219,  
171, 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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