

Converting Colors

CIELCh(76, 42.488, 80.216)

Have a look what the booklet for
CIELCh(76, 42.488, 80.216) contains.

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Color

CIELCh(76, 42.389, 80.585)

Conversions

Conversions Part 1

Format	Color
Hex	E0B56E
RGB	224, 181, 110
RGB Percent	88%, 71%, 43%
CMY	0.1225, 0.2910, 0.5694
CMYK	0.00, 0.19, 0.51, 0.12
HSL	37°, 65%, 65%
HSV	37°, 51%, 88%
XYZ	49.9475, 49.8872, 21.6885
YIQ	185.7630, 48.4190, -12.9650

Conversions

Conversions Part 2

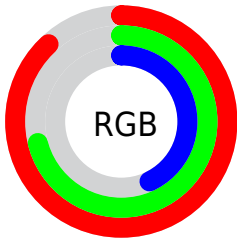
Format	Color
RYB	179, 224, 110
Decimal	14726510
CIELab	76.00, 6.93, 41.82
CIELCh	76, 42.389, 80.585
Yxy	49.8872, 0.4110, 0.4105
Android (android.graphics.Color)	4292916590 (0xFFE0B56E)
YUV	185.7630, -37.3512, 33.5338
Hunter-Lab	70.6309, 2.6243, 31.2356

Details

The CIELCh color **76, 42.389, 80.585** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 40.856, 277.138**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 38.324, 96.389**, and **56, 42.290, 80.470** is the 20% darker color. If you saturate the color by 10%, you get **74, 50.985, 79.098**, and if you desaturate by 10%, it is **78, 33.733, 82.020**.

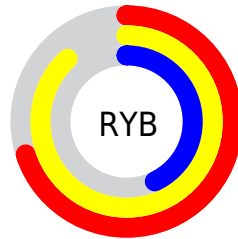
Distribution



Red (88%)

Green (71%)

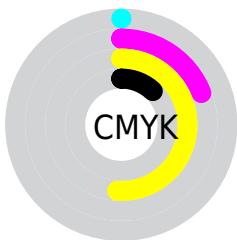
Blue (43%)



Red (70%)

Yellow (88%)

Blue (43%)

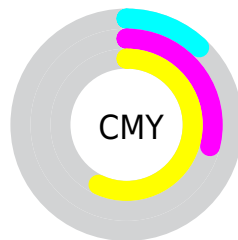


Cyan (0%)

Magenta (19%)

Yellow (51%)

Black (12%)



Cyan (12%)

Magenta (29%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 42.389, 80.585 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 76, 42.389, 80.585 by changing the saturation by 10% instead.

■ 76, 42.389, 80.585

■ 76, 42.389, 80.585

■ 100, 42.389,
80.585

■ 66, 42.389, 80.585

■ 96, 42.389, 80.585

■ 56, 42.389, 80.585

■ 46, 42.389, 80.585

■ 36, 42.389, 80.585

■ 26, 42.389, 80.585

■ 16, 42.389, 80.585

■ 6, 42.389, 80.585

■ 0, 42.389, 80.585

■ 76, 42.389, 80.585

■ 76, 42.389, 80.585

74, 50.985, 79.098

78, 33.733, 82.020

71, 59.196, 77.499

81, 25.183, 83.407

69, 66.441, 75.696

84, 16.815, 84.753

67, 71.852, 73.503

86, 8.660, 86.048

65, 74.849, 71.087

89, 0.721, 86.939

92, 7.010, 268.614

94, 9.407, 255.458

96, 8.911, 221.767

98, 10.579,
198.800

Harmonies

Complementary

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



76, 42.389, 80.585



63, 40.856, 277.138

Rectangle

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



76, 42.389, 80.585



76, 42.389, 130.585



76, 42.389, 260.585



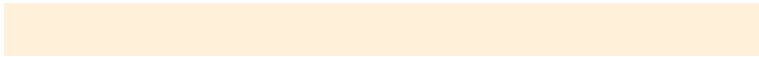
76, 42.389, 310.585

Sweetspot

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



76, 42.389, 80.589



96, 13.289, 85.515



61, 49.102, 356.906



50, 9.093, 85.239



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 42.389, 80.589



83, 56.754, 79.019



86, 57.423, 110.823



46, 4.498, 86.234



52, 62.513, 71.650



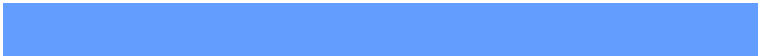
13, 20.293, 73.965

Inverse Universe

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



63, 40.856, 277.138



65, 54.755, 280.255



53, 65.877, 300.642



44, 4.475, 268.764



32, 68.615, 293.821



6, 22.812, 284.307

Previews

White Background



This preview shows how the CIELCh color 76, 42.389, 80.585 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 76, 42.389, 80.585 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 76, 42.389, 80.585

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.389, 80.585.



This preview shows how white text looks on a background with the CIELCh color 76, 42.389, 80.585.

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

76, 42.389, 80.585

Protanopia

76, 40.725, 96.133

Deuteranopia

76, 42.880, 77.017



Tritanopia
76, 23.552, 4.465

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.389, 80.585 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(224, 181, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 181, 110)  
}
```

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(224, 181, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 181, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.389, 80.585 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(224, 181, 110) }
```

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

```
.border{ border-color:rgb(224, 181, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 181, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 181, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 181, 110);  
box-shadow:4px 4px 4px 4px rgb(224, 181,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.389, 80.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 181, 110) }
```

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

```
.background{ background-color: rgb(224,  
181, 110) }
```

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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