

Converting Colors

CIELCh(76, 40.679, 81.793)

Have a look what the booklet for
CIELCh(76, 40.679, 81.793) contains.

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Color

CIELCh(76, 40.595, 82.288)

Conversions

Conversions Part 1

Format	Color
Hex	DDB671
RGB	221, 182, 113
RGB Percent	87%, 71%, 44%
CMY	0.1343, 0.2871, 0.5577
CMYK	0.00, 0.18, 0.49, 0.13
HSL	38°, 61%, 65%
HSV	38°, 49%, 87%
XYZ	49.3974, 49.8872, 22.5864
YIQ	185.7950, 45.3930, -13.1910

Conversions

Conversions Part 2

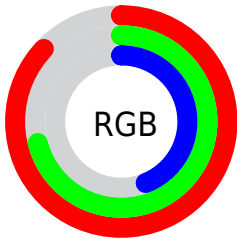
Format	Color
RYB	174, 221, 113
Decimal	14530161
CIELab	76.00, 5.45, 40.23
CIELCh	76, 40.595, 82.288
Yxy	49.8872, 0.4053, 0.4093
Android (android.graphics.Color)	4292720241 (0xFFDDB671)
YUV	185.7950, -35.8879, 30.8748
Hunter-Lab	70.6309, 1.2342, 30.4818

Details

The CIELCh color **76, 40.595, 82.288** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 39.623, 277.893**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 37.237, 96.826**, and **56, 40.649, 81.846** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.131, 80.820**, and if you desaturate by 10%, it is **78, 32.007, 83.710**.

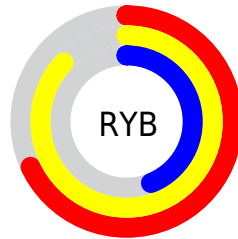
Distribution



Red (87%)

Green (71%)

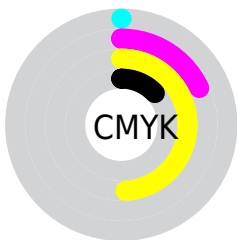
Blue (44%)



Red (68%)

Yellow (87%)

Blue (44%)

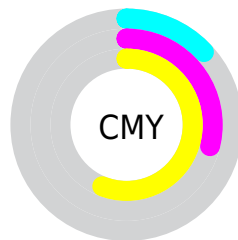


Cyan (0%)

Magenta (18%)

Yellow (49%)

Black (13%)



Cyan (13%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 40.595, 82.288 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, 40.595, 82.288 by changing the saturation by 10% instead.

 76, 40.595, 82.288

 76, 40.595, 82.288

 100, 40.595,
82.288

 66, 40.595, 82.288

 96, 40.595, 82.288

 56, 40.595, 82.288

 46, 40.595, 82.288

 36, 40.595, 82.288

 26, 40.595, 82.288

 16, 40.595, 82.288

 6, 40.595, 82.288

 0, 40.595, 82.288

 76, 40.595, 82.288

 76, 40.595, 82.288

74, 49.131, 80.820

78, 32.007, 83.710

72, 57.324, 79.256

81, 23.517, 85.084

69, 64.653, 77.522

83, 15.194, 86.417

67, 70.313, 75.464

86, 7.065, 87.692

65, 73.675, 72.919

88, 0.866, 269.309

65, 74.006, 72.640

91, 8.605, 270.221

93, 10.509,
258.274

95, 9.562, 229.622

97, 11.060,
202.737

Harmonies

Complementary

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



76, 40.595, 82.288



63, 39.623, 277.893

Rectangle

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



76, 40.595, 82.288



76, 40.595, 132.288



76, 40.595, 262.288



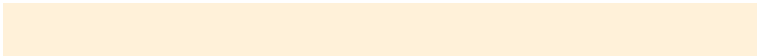
76, 40.595, 312.288

Sweetspot

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



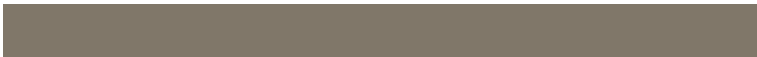
76, 40.595, 82.292



96, 13.483, 86.908



61, 46.443, 357.684



50, 9.224, 86.633



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, 40.595, 82.292



84, 55.318, 80.734



85, 54.817, 111.725



45, 4.481, 87.628



52, 61.787, 73.191



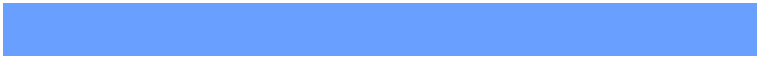
12, 19.159, 75.648

Inverse Universe

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



63, 39.623, 277.893



66, 54.151, 280.904



53, 62.344, 300.775



43, 4.467, 270.135



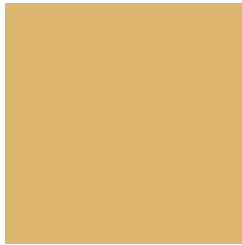
31, 69.678, 294.798



5, 21.938, 284.026

Previews

White Background



This preview shows how the CIELCh color 76, 40.595, 82.288 looks on a white background.

Color Contrast Check

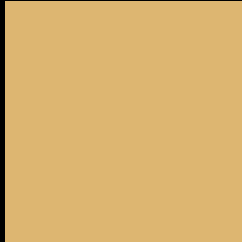
Large Text (above 18pt) WCAG AA × Fail

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, 40.595, 82.288 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, 40.595, 82.288

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.595, 82.288.



This preview shows how white text looks on a background with the CIELCh color 76, 40.595, 82.288.

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](#).

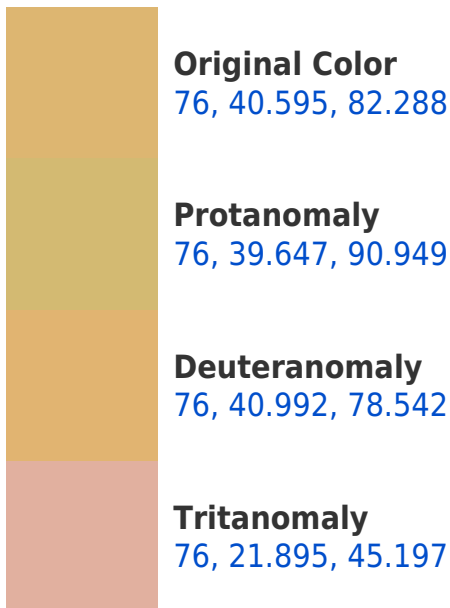
Dichromacy





Tritanopia
76, 22.047, 3.087

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.595, 82.288 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(221, 182, 113)` looks like.

```
.text, #text, p{  
    color:rgb(221, 182, 113)  
}
```

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(221, 182, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 182, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.595, 82.288 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(221, 182, 113) }
```

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

```
.border{ border-color:rgb(221, 182, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 182, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 182, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 182, 113);  
box-shadow:4px 4px 4px 4px rgb(221, 182,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.595, 82.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 182, 113) }
```

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

```
.background{ background-color: rgb(221,  
182, 113) }
```

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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