

Converting Colors

CIELCh(76, 42.183, 81.104)

Have a look what the booklet for
CIELCh(76, 42.183, 81.104) contains.

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Color

CIELCh(76, 42.183, 81.104)

Conversions

Conversions Part 1

Format	Color
Hex	DFB56E
RGB	223, 181, 110
RGB Percent	87%, 71%, 43%
CMY	0.1253, 0.2900, 0.5685
CMYK	0.00, 0.19, 0.51, 0.13
HSL	38°, 64%, 65%
HSV	38°, 51%, 87%
XYZ	49.7950, 49.8872, 21.7679
YIQ	185.4640, 47.8230, -13.1770

Conversions

Conversions Part 2

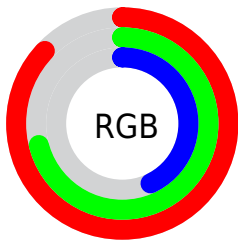
Format	Color
RYB	177, 223, 110
Decimal	14660974
CIELab	76.00, 6.52, 41.68
CIELCh	76, 42.183, 81.104
Yxy	49.8872, 0.4100, 0.4108
Android (android.graphics.Color)	4292851054 (0xFFDFB56E)
YUV	185.4640, -37.2038, 32.9191
Hunter-Lab	70.6309, 2.2390, 31.1689

Details

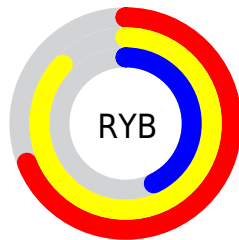
The CIELCh color **76, 42.183, 81.104** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 40.835, 277.511**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 38.324, 96.389**, and **56, 42.068, 81.035** is the 20% darker color. If you saturate the color by 10%, you get **74, 50.759, 79.619**, and if you desaturate by 10%, it is **78, 33.540, 82.537**.

Distribution



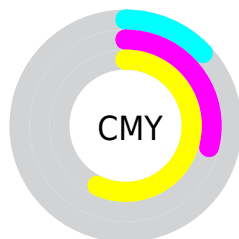
- Red (87%)
- Green (71%)
- Blue (43%)



- Red (69%)
- Yellow (87%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (51%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 42.183, 81.104 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, 42.183, 81.104 by changing the saturation by 10% instead.

76, 42.183, 81.104

76, 42.183, 81.104

100, 42.183,
81.104

66, 42.183, 81.104

96, 42.183, 81.104

56, 42.183, 81.104

46, 42.183, 81.104

36, 42.183, 81.104

26, 42.183, 81.104

16, 42.183, 81.104

6, 42.183, 81.104

0, 42.183, 81.104

76, 42.183, 81.104

76, 42.183, 81.104

74, 50.759, 79.619

78, 33.540, 82.537

71, 58.947, 78.027

81, 24.996, 83.922

69, 66.173, 76.236

83, 16.627, 85.266

67, 71.581, 74.070

86, 8.464, 86.558

65, 74.633, 71.608

89, 0.512, 87.288

91, 7.238, 269.115

94, 9.724, 256.980

96, 9.023, 224.786

98, 10.812,
198.785

Harmonies

Complementary

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



76, 42.183, 81.104



63, 40.835, 277.511

Rectangle

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



76, 42.183, 81.104



76, 42.183, 131.104



76, 42.183, 261.104



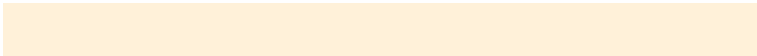
76, 42.183, 311.104

Sweetspot

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



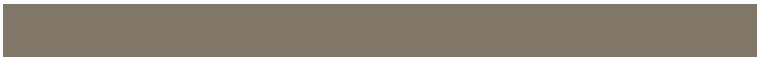
76, 42.183, 81.108



96, 13.354, 85.991



61, 48.730, 356.853



50, 9.137, 85.716



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, 42.183, 81.108



83, 56.901, 79.498



86, 57.001, 110.842



46, 4.521, 86.710



52, 62.489, 72.158



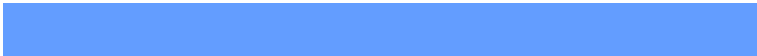
13, 20.349, 74.550

Inverse Universe

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



63, 40.835, 277.511



65, 55.200, 280.692



53, 65.328, 300.598



44, 4.501, 269.234



32, 69.258, 294.172



6, 22.972, 284.614

Previews

White Background



This preview shows how the CIELCh color 76, 42.183, 81.104 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 CIELCh color 76, 42.183, 81.104 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, 42.183, 81.104

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.183, 81.104.



This preview shows how white text looks on a background with the CIELCh color 76, 42.183, 81.104.

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, 42.183, 81.104

Protanopia

76, 40.725, 96.133

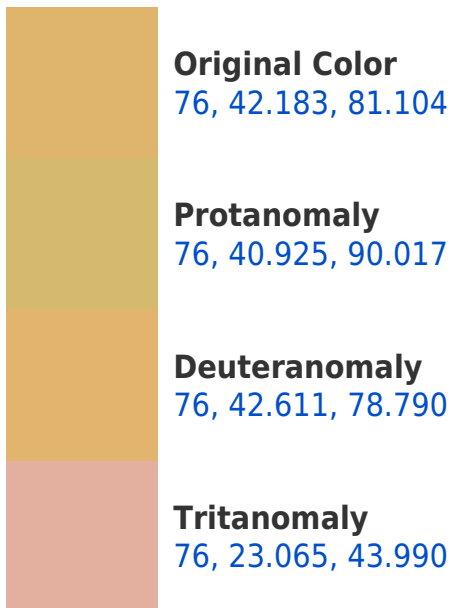
Deuteranopia

76, 42.880, 77.017



Tritanopia
76, 23.180, 4.138

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.183, 81.104 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(223, 181, 110)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 181, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 181, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.183, 81.104 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(223, 181, 110) }
```

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

```
.border{ border-color:rgb(223, 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(223, 181, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 181, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 181, 110); box-shadow:4px 4px 4px 4px rgb(223, 181, 110) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.183, 81.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 181, 110) }
```

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

```
.background{ background-color: rgb(223,  
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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