

Converting Colors

CIELCh(76, 34.810, 73.417)

Have a look what the booklet for
CIELCh(76, 34.810, 73.417) contains.

CIELCh(76, 34.810, 73.417)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 34.810, 73.417)

Conversions

Conversions Part 1

Format	Color
Hex	E1B37E
RGB	225, 179, 126
RGB Percent	88%, 70%, 49%
CMY	0.1167, 0.2971, 0.5050
CMYK	0.00, 0.20, 0.44, 0.12
HSL	32°, 62%, 69%
HSV	32°, 44%, 88%
XYZ	51.0702, 49.8872, 26.7480
YIQ	186.7120, 44.4290, -6.7310

Conversions

Conversions Part 2

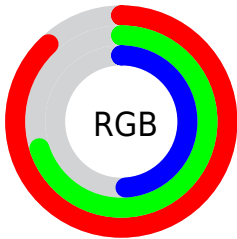
Format	Color
R_{YB}	212, 225, 126
Decimal	14791550
CIE _{Lab}	76.00, 9.93, 33.36
CIE _{LCh}	76, 34.810, 73.417
Yxy	49.8872, 0.3999, 0.3906
Android (android.graphics.Color)	4292981630 (0xFFE1B37E)
YUV	186.7120, -29.9310, 33.5786
Hunter-Lab	70.6309, 5.4616, 26.9884

Details

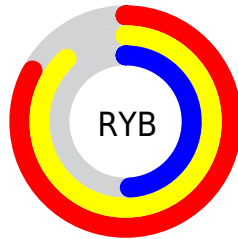
The CIELCh color **76, 34.810, 73.417** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 31.549, 267.138**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 29.716, 92.627**, and **56, 34.864, 72.867** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.506, 72.052**, and if you desaturate by 10%, it is **79, 26.360, 74.761**.

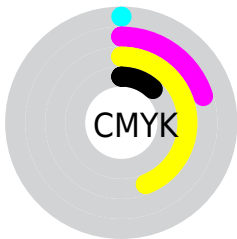
Distribution



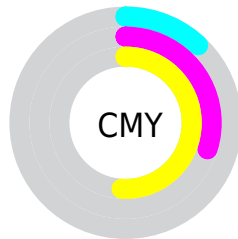
- Red (88%)
- Green (70%)
- Blue (49%)



- Red (83%)
- Yellow (88%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 34.810, 73.417 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, 34.810, 73.417 by changing the saturation by 10% instead.

 76, 34.810, 73.417

 76, 34.810, 73.417

 100, 34.810,
73.417

 66, 34.810, 73.417

 96, 34.810, 73.417

 56, 34.810, 73.417

 46, 34.810, 73.417

 36, 34.810, 73.417

 26, 34.810, 73.417

 16, 34.810, 73.417

 6, 34.810, 73.417

 0, 34.810, 73.417

 76, 34.810, 73.417

 76, 34.810, 73.417

73, 43.506, 72.052

79, 26.360, 74.761

70, 52.290, 70.622

82, 18.218, 76.075

68, 60.824, 69.061

85, 10.398, 77.356

65, 68.463, 67.210

88, 2.888, 78.530

63, 74.207, 64.785

92, 4.335, 259.975

61, 76.752, 63.068

95, 8.667, 249.704

97, 9.300, 206.866

98, 10.094,
198.834

Harmonies

Complementary

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



76, 34.810, 73.417



69, 31.549, 267.138

Rectangle

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



76, 34.810, 73.417



76, 34.810, 123.417



76, 34.810, 253.417



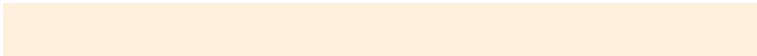
76, 34.810, 303.417

Sweetspot

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



76, 34.810, 73.422



95, 10.686, 77.466



65, 44.462, 350.221



50, 7.512, 77.186



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, 34.810, 73.422



82, 47.207, 72.135



87, 50.167, 107.502



46, 4.176, 77.915



49, 63.655, 63.726



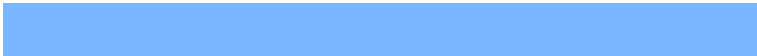
12, 19.707, 64.235

Inverse Universe

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



69, 31.549, 267.138



73, 41.898, 269.743



57, 56.401, 297.234



45, 4.106, 260.461



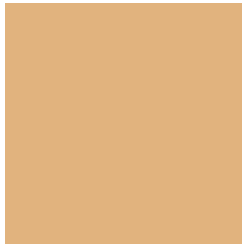
36, 58.415, 287.184



7, 20.108, 278.089

Previews

White Background



This preview shows how the CIELCh color 76, 34.810, 73.417 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, 34.810, 73.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

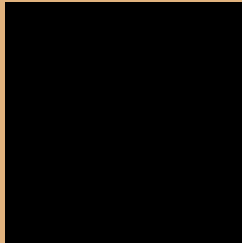
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 34.810, 73.417

Background



This preview shows how black text looks on a background with the CIELCh color 76, 34.810, 73.417.



This preview shows how white text looks on a background with the CIELCh color 76, 34.810, 73.417.

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](#).

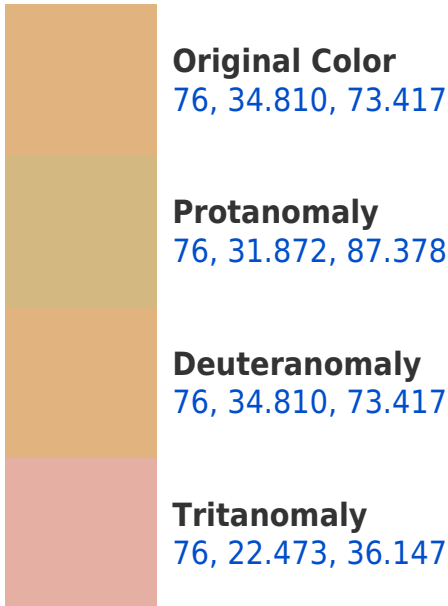
Dichromacy





Tritanopia
76, 23.552, 4.465

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 34.810, 73.417 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(225, 179, 126)` looks like.

```
.text, #text, p{  
    color:rgb(225, 179, 126)  
}
```

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(225, 179, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 179, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 34.810, 73.417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

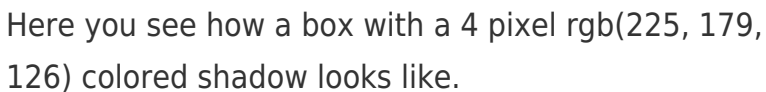
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 179, 126) }
```

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

```
.border{ border-color:rgb(225, 179, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 179, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 179, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 179, 126); box-shadow:4px 4px 4px 4px rgb(225, 179, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 34.810, 73.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 179, 126) }
```

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

```
.background{ background-color: rgb(225,  
179, 126) }
```

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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