

Converting Colors

CIELCh(76, 44.468, 80.945)

Have a look what the booklet for
CIELCh(76, 44.468, 80.945) contains.

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Color

CIELCh(76, 44.468, 80.945)

Conversions

Conversions Part 1

Format	Color
Hex	E1B56A
RGB	225, 181, 106
RGB Percent	88%, 71%, 42%
CMY	0.1191, 0.2915, 0.5856
CMYK	0.00, 0.20, 0.53, 0.12
HSL	38°, 66%, 65%
HSV	38°, 53%, 88%
XYZ	49.9714, 49.8872, 20.5418
YIQ	185.6060, 50.2990, -13.9970

Conversions

Conversions Part 2

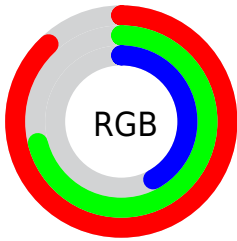
Format	Color
RYB	176, 225, 106
Decimal	14792042
CIELab	76.00, 7.00, 43.91
CIELCh	76, 44.468, 80.945
Yxy	49.8872, 0.4150, 0.4143
Android (android.graphics.Color)	4292982122 (0xFFE1B56A)
YUV	185.6060, -39.2458, 34.5485
Hunter-Lab	70.6309, 2.6846, 32.1981

Details

The CIELCh color **76, 44.468, 80.945** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 43.111, 278.319**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 40.280, 96.711**, and **56, 44.354, 80.683** is the 20% darker color. If you saturate the color by 10%, you get **74, 53.037, 79.441**, and if you desaturate by 10%, it is **78, 35.769, 82.390**.

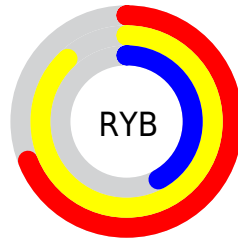
Distribution



Red (88%)

Green (71%)

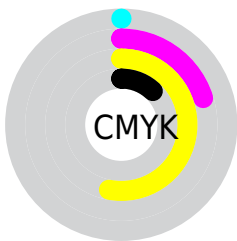
Blue (42%)



Red (69%)

Yellow (88%)

Blue (42%)

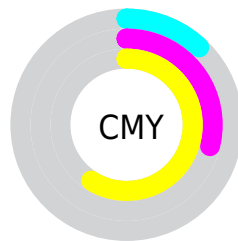


Cyan (0%)

Magenta (20%)

Yellow (53%)

Black (12%)



Cyan (12%)

Magenta (29%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 44.468, 80.945 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, 44.468, 80.945 by changing the saturation by 10% instead.

 76, 44.468, 80.945

 76, 44.468, 80.945

 100, 44.468,
80.945

 66, 44.468, 80.945

 96, 44.468, 80.945

 56, 44.468, 80.945

 46, 44.468, 80.945

 36, 44.468, 80.945

 26, 44.468, 80.945

 16, 44.468, 80.945

 6, 44.468, 80.945

 0, 44.468, 80.945

 76, 44.468, 80.945

 76, 44.468, 80.945

74, 53.037, 79.441

78, 35.769, 82.390

71, 61.101, 77.814

81, 27.137, 83.785

69, 68.013, 75.957

83, 18.665, 85.138

67, 72.871, 73.673

86, 10.394, 86.445

66, 75.018, 71.788

89, 2.333, 87.623

91, 5.523, 269.029

94, 9.539, 260.701

96, 8.539, 227.533

98, 10.296,
198.820

Harmonies

Complementary

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



76, 44.468, 80.945



62, 43.111, 278.319

Rectangle

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



76, 44.468, 80.945



76, 44.468, 130.945



76, 44.468, 260.945



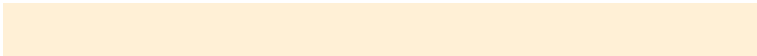
76, 44.468, 310.945

Sweetspot

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



76, 44.468, 80.949



95, 14.289, 86.038



60, 51.094, 357.303



50, 9.674, 85.768



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, 44.468, 80.949



82, 59.750, 79.207



86, 59.658, 110.690



46, 4.530, 86.887



52, 62.482, 72.349



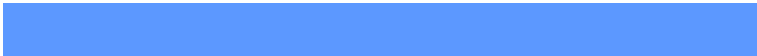
13, 20.371, 74.768

Inverse Universe

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



62, 43.111, 278.319



63, 58.226, 281.827



51, 68.947, 300.961



44, 4.510, 269.410



32, 69.500, 294.303



6, 23.032, 284.727

Previews

White Background



This preview shows how the CIELCh color 76, 44.468, 80.945 looks on a white background.

Color Contrast Check

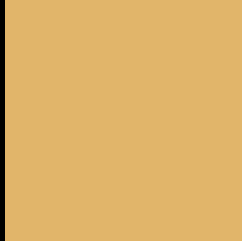
Large Text (above 18pt) WCAG AA × Fail

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, 44.468, 80.945 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, 44.468, 80.945

Background



This preview shows how black text looks on a background with the CIELCh color 76, 44.468, 80.945.



This preview shows how white text looks on a background with the CIELCh color 76, 44.468, 80.945.

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, 44.468, 80.945

Protanopia

76, 42.787, 95.809

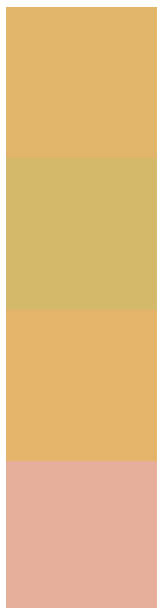
Deuteranopia

76, 44.948, 77.532



Tritanopia
76, 24.432, 3.887

Trichromacy



Original Color
76, 44.468, 80.945

Protanomaly
76, 43.009, 89.964

Deuteranomaly
76, 44.686, 79.228

Tritanomaly
76, 24.365, 45.427

Monochromacy



Original Color
76, 44.468, 80.945

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 15.858, 85.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 44.468, 80.945 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, 181, 106)` looks like.

```
.text, #text, p{  
    color:rgb(225, 181, 106)  
}
```

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, 181, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 181, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 44.468, 80.945 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, 181, 106) }
```

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

```
.border{ border-color:rgb(225, 181, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 181, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 181, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 181, 106);  
box-shadow:4px 4px 4px 4px rgb(225, 181,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 44.468, 80.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 181, 106) }
```

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

```
.background{ background-color: rgb(225,  
181, 106) }
```

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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