

Converting Colors

CIELCh(76, 40.124, 69.601)

Have a look what the booklet for
CIELCh(76, 40.124, 69.601) contains.

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Color

CIELCh(76, 40.155, 69.632)

Conversions

Conversions Part 1

Format	Color
Hex	E9B076
RGB	233, 176, 118
RGB Percent	91%, 69%, 46%
CMY	0.0848, 0.3084, 0.5360
CMYK	0.00, 0.24, 0.49, 0.08
HSL	30°, 73%, 69%
HSV	30°, 49%, 92%
XYZ	52.6085, 49.8872, 24.0975
YIQ	186.4310, 52.5900, -5.9540

Conversions

Conversions Part 2

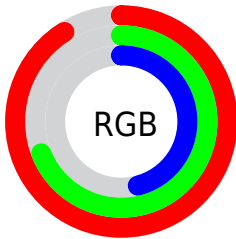
Format	Color
RYB	231, 233, 118
Decimal	15315062
CIELab	76.00, 13.98, 37.64
CIELCh	76, 40.155, 69.632
Yxy	49.8872, 0.4156, 0.3941
Android (android.graphics.Color)	4293505142 (0xFFE9B076)
YUV	186.4310, -33.7365, 40.8410
Hunter-Lab	70.6309, 9.3492, 29.2134

Details

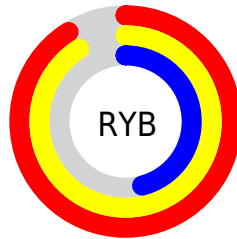
The CIELCh color **76, 40.155, 69.632** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 34.911, 265.280**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 32.578, 91.444**, and **56, 40.320, 69.147** is the 20% darker color. If you saturate the color by 10%, you get **73, 49.263, 68.314**, and if you desaturate by 10%, it is **79, 31.300, 70.929**.

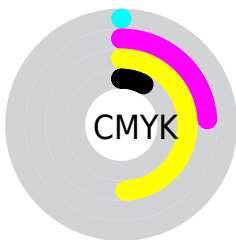
Distribution



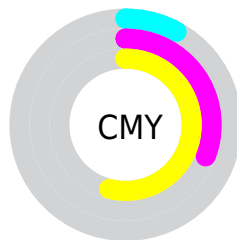
- Red (91%)
- Green (69%)
- Blue (46%)



- Red (91%)
- Yellow (91%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (8%)



- Cyan (8%)
- Magenta (31%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 40.155, 69.632 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, 40.155, 69.632 by changing the saturation by 10% instead.

 76, 40.155, 69.632


 76, 40.155, 69.632

 100, 40.155,
69.632


 66, 40.155, 69.632


 96, 40.155, 69.632

 56, 40.155, 69.632

 46, 40.155, 69.632

 36, 40.155, 69.632

 26, 40.155, 69.632

 16, 40.155, 69.632

 6, 40.155, 69.632

 0, 40.155, 69.632

 76, 40.155, 69.632

 76, 40.155, 69.632

73, 49.263, 68.314

79, 31.300, 70.929

70, 58.393, 66.910

82, 22.796, 72.206

67, 67.058, 65.308

86, 14.666, 73.466

65, 74.375, 63.263

89, 6.902, 74.686

62, 79.475, 60.527

93, 0.519, 256.761

62, 79.816, 60.340

96, 6.290, 248.269

98, 7.396, 199.027

Harmonies

Complementary

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



76, 40.155, 69.632



70, 34.911, 265.280

Rectangle

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



76, 40.155, 69.632



76, 40.155, 119.632



76, 40.155, 249.632



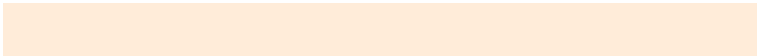
76, 40.155, 299.632

Sweetspot

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



76, 40.155, 69.637



94, 12.129, 73.989



65, 51.885, 348.959



50, 8.316, 73.728



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, 40.155, 69.637



79, 52.667, 68.315



90, 57.390, 105.480



47, 4.237, 74.666



49, 65.781, 61.008



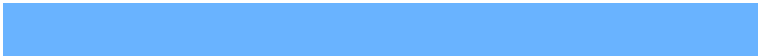
13, 22.179, 61.399

Inverse Universe

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



70, 34.911, 265.280



71, 44.525, 268.341



55, 65.842, 297.395



47, 4.147, 257.187



39, 56.249, 284.422



9, 20.738, 276.289

Previews

White Background



This preview shows how the CIELCh color 76, 40.155, 69.632 looks on a white background.

Color Contrast Check

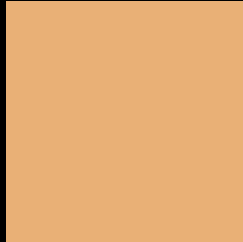
Large Text (above 18pt) WCAG AA × Fail

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, 40.155, 69.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

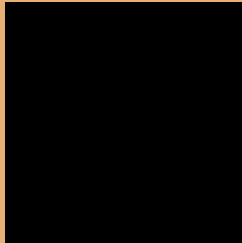
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 40.155, 69.632

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.155, 69.632.



This preview shows how white text looks on a background with the CIELCh color 76, 40.155, 69.632.

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, 40.155, 69.632

Protanopia

76, 35.114, 95.884

Deuteranopia

76, 38.965, 75.201



Tritanopia
76, 28.182, 7.858

Trichromacy



Original Color
76, 40.155, 69.632

Protanomaly
76, 36.166, 85.669

Deuteranomaly
76, 39.315, 73.304

Tritanomaly
76, 27.803, 35.876

Monochromacy



Original Color
76, 40.155, 69.632

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.030, 72.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.155, 69.632 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(233, 176, 118)` looks like.

```
.text, #text, p{  
    color:rgb(233, 176, 118)  
}
```

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(233, 176, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 176, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.155, 69.632 is called "border". The border property can be set on classes, ids or directly on the HTML element.

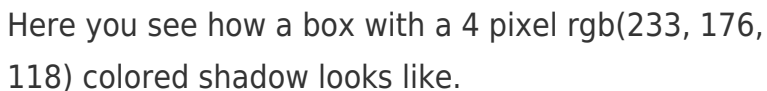
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 176, 118) }
```

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

```
.border{ border-color:rgb(233, 176, 118) }
```

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



Here you see how a box with a 4 pixel rgb(233, 176, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 176, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 176, 118);  
box-shadow:4px 4px 4px 4px rgb(233, 176,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.155, 69.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 176, 118) }
```

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

```
.background{ background-color: rgb(233,  
176, 118) }
```

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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