

Converting Colors

CIELCh(76, 44.886, 68.618)

Have a look what the booklet for
CIELCh(76, 44.886, 68.618) contains.

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Color

CIELCh(76, 45.261, 68.971)

Conversions

Conversions Part 1

Format	Color
Hex	EFAF6E
RGB	239, 175, 110
RGB Percent	94%, 69%, 43%
CMY	0.0646, 0.3153, 0.5702
CMYK	0.00, 0.27, 0.54, 0.06
HSL	30°, 80%, 68%
HSV	30°, 54%, 94%
XYZ	53.4843, 49.8872, 21.4506
YIQ	186.7260, 59.0090, -6.6470

Conversions

Conversions Part 2

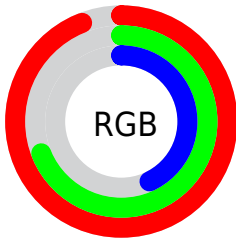
Format	Color
R_{YB}	237, 239, 110
Decimal	15708014
CIE _{Lab}	76.00, 16.24, 42.25
CIE _{LCh}	76, 45.261, 68.971
Yxy	49.8872, 0.4285, 0.3997
Android (android.graphics.Color)	4293898094 (0xFFEFAF6E)
YUV	186.7260, -37.8259, 45.8443
Hunter-Lab	70.6309, 11.5625, 31.4353

Details

The CIELCh color **76, 45.261, 68.971** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 38.791, 266.662**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 36.137, 91.971**, and **56, 45.413, 69.393** is the 20% darker color. If you saturate the color by 10%, you get **73, 54.586, 67.622**, and if you desaturate by 10%, it is **79, 36.104, 70.280**.

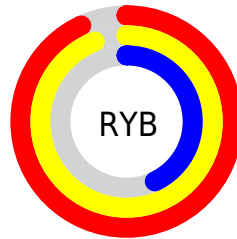
Distribution



Red (94%)

Green (69%)

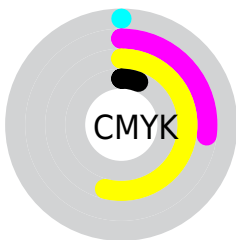
Blue (43%)



Red (93%)

Yellow (94%)

Blue (43%)

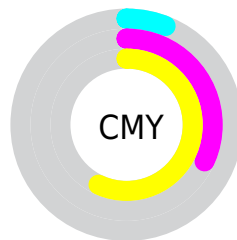


Cyan (0%)

Magenta (27%)

Yellow (54%)

Black (6%)



Cyan (6%)

Magenta (32%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 45.261, 68.971 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, 45.261, 68.971 by changing the saturation by 10% instead.

 76, 45.261, 68.971

 76, 45.261, 68.971

 100, 45.261,
68.971

 66, 45.261, 68.971

 96, 45.261, 68.971

 56, 45.261, 68.971

 46, 45.261, 68.971

 36, 45.261, 68.971

 26, 45.261, 68.971

 16, 45.261, 68.971

 6, 45.261, 68.971

 0, 45.261, 68.971

 76, 45.261, 68.971

 76, 45.261, 68.971

73, 54.586, 67.622

79, 36.104, 70.280

70, 63.737, 66.143

82, 27.270, 71.565

67, 72.035, 64.365

86, 18.812, 72.835

65, 78.389, 61.970

89, 10.735, 74.080

63, 81.178, 60.264

93, 3.019, 75.222

96, 4.364, 256.668

99, 5.658, 199.164

Harmonies

Complementary

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



76, 45.261, 68.971



69, 38.791, 266.662

Rectangle

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



76, 45.261, 68.971



76, 45.261, 118.971



76, 45.261, 248.971



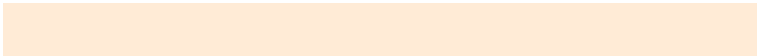
76, 45.261, 298.971

Sweetspot

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



76, 45.261, 68.975



94, 12.965, 73.834



64, 57.403, 349.717



49, 8.796, 73.577



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, 45.261, 68.975



77, 58.574, 67.456



92, 63.457, 105.071



48, 4.312, 74.631



49, 66.489, 60.942



14, 23.416, 61.634

Inverse Universe

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



69, 38.791, 266.662



69, 48.798, 270.397



52, 74.189, 298.405



48, 4.220, 257.157



39, 56.859, 284.441



10, 21.530, 276.765

Previews

White Background



This preview shows how the CIELCh color 76, 45.261, 68.971 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, 45.261, 68.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

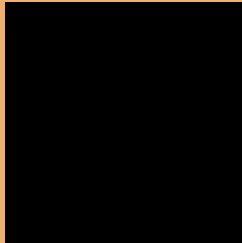
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 45.261, 68.971

Background



This preview shows how black text looks on a background with the CIELCh color 76, 45.261, 68.971.




This preview shows how white text looks on a background with the CIELCh color 76, 45.261, 68.971.

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



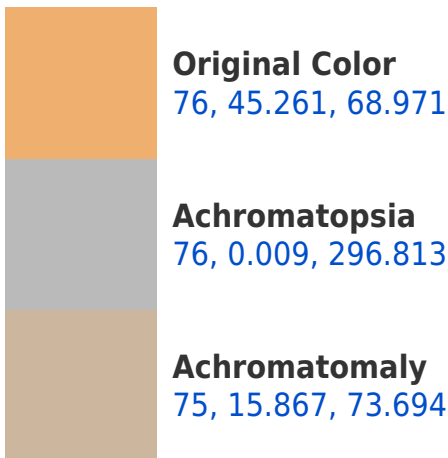


Tritanopia
76, 30.922, 9.450

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 45.261, 68.971 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(239, 175, 110)` looks like.

```
.text, #text, p{  
    color:rgb(239, 175, 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(239, 175, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 175, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 45.261, 68.971 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(239, 175, 110) }
```

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

```
.border{ border-color:rgb(239, 175, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 175, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 175, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 175, 110);  
box-shadow:4px 4px 4px 4px rgb(239, 175,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 45.261, 68.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 175, 110) }
```

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

```
.background{ background-color: rgb(239,  
175, 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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