

Converting Colors

CIELCh(76, 37.998, 72.909)

Have a look what the booklet for
CIELCh(76, 37.998, 72.909) contains.

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Color

CIELCh(76, 37.701, 72.756)

Conversions

Conversions Part 1

Format	Color
Hex	E4B279
RGB	228, 178, 121
RGB Percent	89%, 70%, 47%
CMY	0.1047, 0.3008, 0.5244
CMYK	0.00, 0.22, 0.47, 0.10
HSL	32°, 67%, 69%
HSV	32°, 47%, 90%
XYZ	51.5394, 49.8872, 25.0896
YIQ	186.4520, 48.0970, -7.1270

Conversions

Conversions Part 2

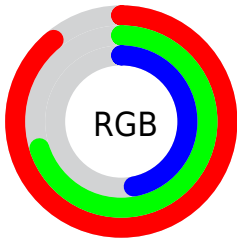
Format	Color
R _Y B	215, 228, 121
Decimal	14987897
CIE Lab	76.00, 11.18, 36.01
CIE LCh	76, 37.701, 72.756
Yxy	49.8872, 0.4074, 0.3943
Android (android.graphics.Color)	4293177977 (0xFFE4B279)
YUV	186.4520, -32.2678, 36.4376
Hunter-Lab	70.6309, 6.6475, 28.3806

Details

The CIELCh color **76, 37.701, 72.756** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 33.858, 267.638**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 31.812, 92.651**, and **56, 37.652, 72.565** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.547, 71.382**, and if you desaturate by 10%, it is **79, 29.076, 74.105**.

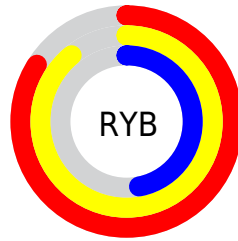
Distribution



Red (89%)

Green (70%)

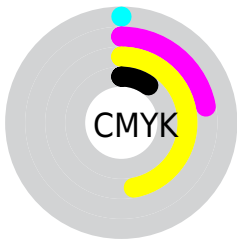
Blue (47%)



Red (84%)

Yellow (89%)

Blue (47%)

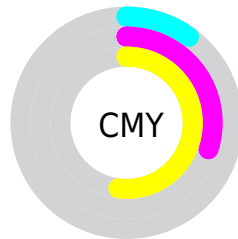


Cyan (0%)

Magenta (22%)

Yellow (47%)

Black (10%)



Cyan (10%)

Magenta (30%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.701, 72.756 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, 37.701, 72.756 by changing the saturation by 10% instead.

 76, 37.701, 72.756

 76, 37.701, 72.756

 100, 37.701,
72.756

 66, 37.701, 72.756

 96, 37.701, 72.756

 56, 37.701, 72.756

 46, 37.701, 72.756

 36, 37.701, 72.756

 26, 37.701, 72.756

 16, 37.701, 72.756

 6, 37.701, 72.756

 0, 37.701, 72.756

 76, 37.701, 72.756

 76, 37.701, 72.756

73, 46.547, 71.382

79, 29.076, 74.105

70, 55.411, 69.928

82, 20.756, 75.424

68, 63.877, 68.308

85, 12.764, 76.714

65, 71.175, 66.326

88, 5.094, 77.944

63, 76.275, 63.674

92, 2.275, 259.426

62, 77.623, 62.804

95, 7.989, 254.143

98, 8.432, 206.018

98, 9.081, 198.905

Harmonies

Complementary

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



76, 37.701, 72.756



69, 33.858, 267.638

Rectangle

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



76, 37.701, 72.756



76, 37.701, 122.756



76, 37.701, 252.756



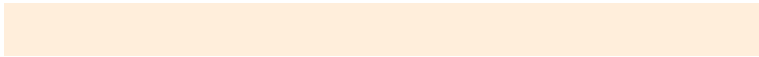
76, 37.701, 302.756

Sweetspot

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



76, 37.701, 72.761



95, 11.510, 77.068



64, 48.215, 349.618



50, 7.982, 76.794



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, 37.701, 72.761



81, 50.081, 71.458



89, 53.839, 106.477



46, 4.245, 77.639



49, 64.405, 63.452



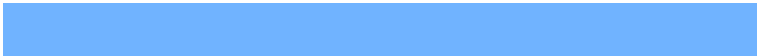
13, 20.974, 64.220

Inverse Universe

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



69, 33.858, 267.638



71, 44.052, 270.392



56, 61.188, 297.329



46, 4.173, 260.189



37, 58.801, 286.999



8, 20.930, 278.650

Previews

White Background



This preview shows how the CIELCh color 76, 37.701, 72.756 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, 37.701, 72.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

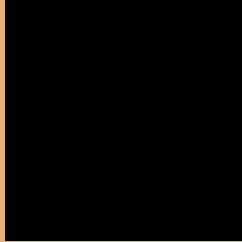
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.701, 72.756

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.701, 72.756.



This preview shows how white text looks on a background with the CIELCh color 76, 37.701, 72.756.

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, 37.701, 72.756

Protanopia

76, 34.099, 95.682

Deuteranopia

76, 37.343, 74.728



Tritanopia
76, 25.475, 6.004

Trichromacy



Original Color
76, 37.701, 72.756

Protanomaly
76, 34.362, 86.265

Deuteranomaly
76, 37.594, 74.193

Tritanomaly
76, 24.723, 36.195

Monochromacy



Original Color
76, 37.701, 72.756

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.330, 77.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.701, 72.756 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(228, 178, 121)` looks like.

```
.text, #text, p{  
    color:rgb(228, 178, 121)  
}
```

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(228, 178, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 178, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.701, 72.756 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(228, 178, 121) }
```

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

```
.border{ border-color:rgb(228, 178, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 178, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 178, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 178, 121);  
box-shadow:4px 4px 4px 4px rgb(228, 178,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.701, 72.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 178, 121) }
```

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

```
.background{ background-color: rgb(228,  
178, 121) }
```

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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