

Converting Colors

CIELCh(78, 34.496, 73.119)

Have a look what the booklet for
CIELCh(78, 34.496, 73.119) contains.

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Color

CIELCh(78, 34.566, 73.562)

Conversions

Conversions Part 1

Format	Color
Hex	E7B984
RGB	231, 185, 132
RGB Percent	91%, 73%, 52%
CMY	0.0951, 0.2754, 0.4832
CMYK	0.00, 0.20, 0.43, 0.10
HSL	32°, 67%, 71%
HSV	32°, 43%, 90%
XYZ	54.3285, 53.2120, 29.1601
YIQ	192.7120, 44.4290, -6.7310

Conversions

Conversions Part 2

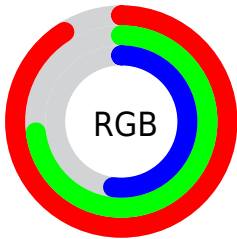
Format	Color
R_{YB}	218, 231, 132
Decimal	15186308
CIE Lab	78.00, 9.78, 33.15
CIE LCh	78, 34.566, 73.562
Yxy	53.2120, 0.3974, 0.3893
Android (android.graphics.Color)	4293376388 (0xFFE7B984)
YUV	192.7120, -29.9310, 33.5786
Hunter-Lab	72.9466, 5.2852, 27.3617

Details

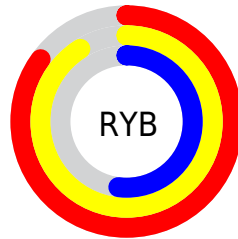
The CIELCh color **78, 34.566, 73.562** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 31.404, 266.889**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.533, 97.036**, and **58, 34.269, 73.719** is the 20% darker color. If you saturate the color by 10%, you get **75, 43.414, 72.199**, and if you desaturate by 10%, it is **81, 25.979, 74.906**.

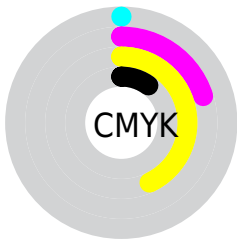
Distribution



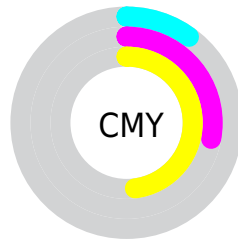
- Red (91%)
- Green (73%)
- Blue (52%)



- Red (85%)
- Yellow (91%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (10%)



- Cyan (10%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.566, 73.562 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 78, 34.566, 73.562 by changing the saturation by 10% instead.

 78, 34.566, 73.562

 78, 34.566, 73.562

 100, 34.566,
73.562

 68, 34.566, 73.562

 98, 34.566, 73.562

 58, 34.566, 73.562

 48, 34.566, 73.562

 38, 34.566, 73.562

 28, 34.566, 73.562

 18, 34.566, 73.562

 8, 34.566, 73.562

 0, 34.566, 73.562

 78, 34.566, 73.562

 78, 34.566, 73.562

75, 43.414, 72.199

81, 25.979, 74.906

72, 52.375, 70.775

84, 17.709, 76.219

69, 61.126, 69.230

87, 9.767, 77.497

67, 69.043, 67.415

91, 2.140, 78.624

64, 75.131, 65.056

94, 5.196, 260.102

63, 78.180, 63.018

97, 6.888, 225.185

98, 8.269, 198.963

Harmonies

Complementary

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



78, 34.566, 73.562



71, 31.404, 266.889

Rectangle

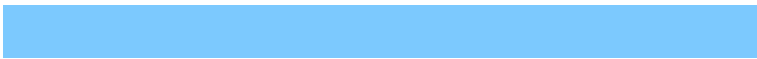
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 34.566, 73.562



78, 34.566, 123.562



78, 34.566, 253.562



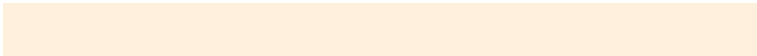
78, 34.566, 303.562

Sweetspot

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



78, 34.566, 73.567



95, 10.686, 77.474



67, 44.265, 350.074



50, 7.512, 77.195



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 34.566, 73.567



83, 45.271, 72.422



89, 49.980, 107.589



46, 4.254, 77.921



49, 64.346, 63.690



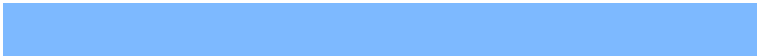
13, 20.982, 64.523

Inverse Universe

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



71, 31.404, 266.889



74, 40.354, 269.160



59, 55.995, 297.055



46, 4.183, 260.472



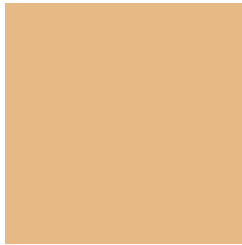
37, 59.116, 287.241



8, 21.030, 278.919

Previews

White Background



This preview shows how the CIELCh color 78, 34.566, 73.562 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 78, 34.566, 73.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

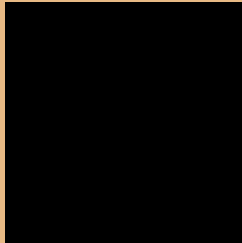
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 34.566, 73.562

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.566, 73.562.




This preview shows how white text looks on a background with the CIELCh color 78, 34.566, 73.562.

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](#).

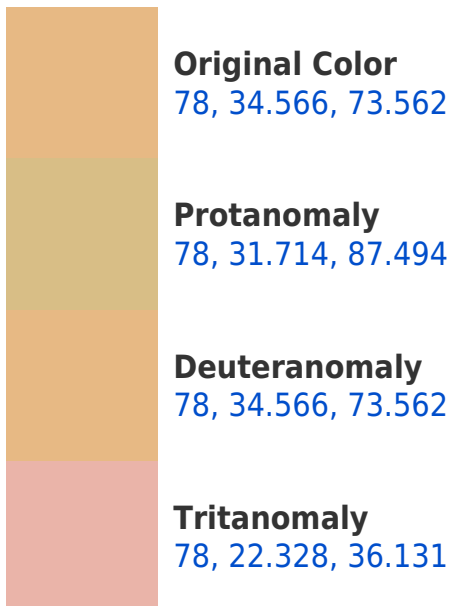
Dichromacy





Tritanopia
78, 23.549, 3.141

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.566, 73.562 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(231, 185, 132)` looks like.

```
.text, #text, p{  
    color:rgb(231, 185, 132)  
}
```

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(231, 185, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 185, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.566, 73.562 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(231, 185, 132) }
```

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

```
.border{ border-color:rgb(231, 185, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 185, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 185, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 185, 132);  
box-shadow:4px 4px 4px 4px rgb(231, 185,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.566, 73.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 185, 132) }
```

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

```
.background{ background-color: rgb(231,  
185, 132) }
```

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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