

Converting Colors

CIELCh(79, 37.723, 74.761)

Have a look what the booklet for
CIELCh(79, 37.723, 74.761) contains.

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Color

CIELCh(79, 37.705, 74.748)

Conversions

Conversions Part 1

Format	Color
Hex	EBBB80
RGB	235, 187, 128
RGB Percent	92%, 73%, 50%
CMY	0.0773, 0.2656, 0.4971
CMYK	0.00, 0.20, 0.45, 0.08
HSL	33°, 73%, 71%
HSV	33°, 45%, 92%
XYZ	56.0943, 54.9284, 28.1542
YIQ	194.6260, 47.5470, -8.1730

Conversions

Conversions Part 2

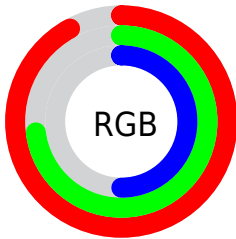
Format	Color
RYB	215, 235, 128
Decimal	15448960
CIELab	79.00, 9.92, 36.38
CIELCh	79, 37.705, 74.748
Yxy	54.9284, 0.4030, 0.3947
Android (android.graphics.Color)	4293639040 (0xFFE8BB80)
YUV	194.6260, -32.8466, 35.4080
Hunter-Lab	74.1137, 5.4020, 29.3566

Details

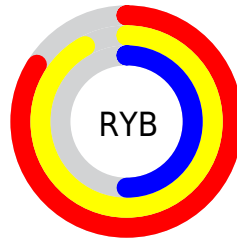
The CIELCh color **79, 37.705, 74.748** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 34.494, 269.190**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 31.333, 99.195**, and **59, 37.546, 74.770** is the 20% darker color. If you saturate the color by 10%, you get **76, 46.727, 73.344**, and if you desaturate by 10%, it is **82, 28.885, 76.123**.

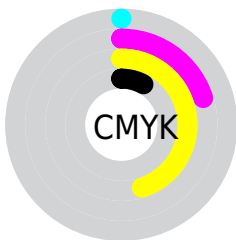
Distribution



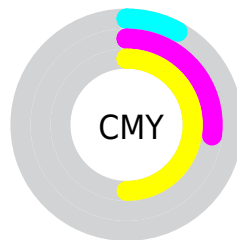
- Red (92%)
- Green (73%)
- Blue (50%)



- Red (84%)
- Yellow (92%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 37.705, 74.748 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 79, 37.705, 74.748 by changing the saturation by 10% instead.

 79, 37.705, 74.748

 79, 37.705, 74.748

 100, 37.705,
74.748

 69, 37.705, 74.748

 99, 37.705, 74.748

 59, 37.705, 74.748

 49, 37.705, 74.748

 39, 37.705, 74.748

 29, 37.705, 74.748

 19, 37.705, 74.748

 9, 37.705, 74.748

 0, 37.705, 74.748

 79, 37.705, 74.748

 79, 37.705, 74.748

76, 46.727, 73.344

82, 28.885, 76.123

73, 55.754, 71.864

85, 20.352, 77.462

71, 64.378, 70.229

88, 12.130, 78.768

68, 71.857, 68.268

91, 4.214, 79.995

66, 77.134, 65.687

95, 3.414, 261.439

65, 78.929, 64.380

98, 5.668, 222.613

99, 6.755, 199.076

Harmonies

Complementary

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



79, 37.705, 74.748



71, 34.494, 269.190

Rectangle

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



79, 37.705, 74.748



79, 37.705, 124.748



79, 37.705, 254.748



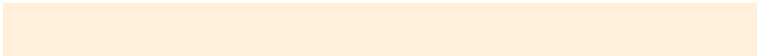
79, 37.705, 304.748

Sweetspot

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



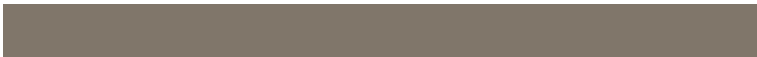
79, 37.705, 74.753



95, 11.669, 78.950



67, 47.212, 351.521



50, 8.090, 78.673



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 37.705, 74.753



82, 49.419, 73.380



91, 53.679, 108.135



48, 4.385, 79.526



51, 64.718, 65.046



14, 22.296, 66.480

Inverse Universe

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



71, 34.494, 269.190



71, 44.426, 271.963



59, 60.668, 297.981



47, 4.322, 262.092



36, 61.669, 288.645



8, 22.512, 280.976

Previews

White Background



This preview shows how the CIELCh color 79, 37.705, 74.748 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 79, 37.705, 74.748 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 79, 37.705, 74.748

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.705, 74.748.



This preview shows how white text looks on a background with the CIELCh color 79, 37.705, 74.748.

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

79, 37.705, 74.748

Protanopia

79, 34.365, 95.955

Deuteranopia

79, 37.705, 74.748



Tritanopia
79, 24.603, 4.092

Trichromacy



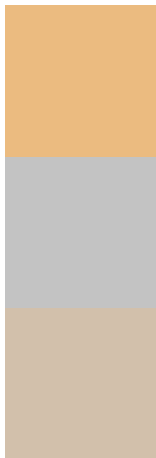
Original Color
79, 37.705, 74.748

Protanomaly
79, 34.737, 88.231

Deuteranomaly
79, 37.705, 74.748

Tritanomaly
79, 23.849, 37.788

Monochromacy



Original Color
79, 37.705, 74.748

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 13.215, 77.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.705, 74.748 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(235, 187, 128)` looks like.

```
.text, #text, p{  
    color:rgb(235, 187, 128)  
}
```

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(235, 187, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.705, 74.748 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(235, 187, 128) }
```

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

```
.border{ border-color:rgb(235, 187, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 187, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 187, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 187, 128);  
box-shadow:4px 4px 4px 4px rgb(235, 187,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.705, 74.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 187, 128) }
```

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

```
.background{ background-color: rgb(235,  
187, 128) }
```

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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