

Converting Colors

CIELCh(78, 34.272, 66.494)

Have a look what the booklet for
CIELCh(78, 34.272, 66.494) contains.

CIELCh(78, 34.272, 66.494)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 34.272, 66.494)

Conversions

Conversions Part 1

Format	Color
Hex	ECB687
RGB	236, 182, 135
RGB Percent	93%, 71%, 53%
CMY	0.0733, 0.2852, 0.4695
CMYK	0.00, 0.23, 0.43, 0.07
HSL	28°, 73%, 73%
HSV	28°, 43%, 93%
XYZ	55.8699, 53.2120, 30.3464
YIQ	192.7880, 47.2710, -3.1690

Conversions

Conversions Part 2

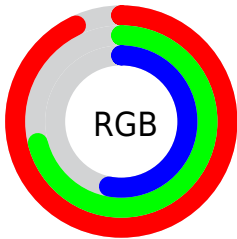
Format	Color
R _Y B	236, 223, 135
Decimal	15513223
CIE Lab	78.00, 13.67, 31.43
CIE LCh	78, 34.272, 66.494
Yxy	53.2120, 0.4007, 0.3816
Android (android.graphics.Color)	4293703303 (0xFFECB687)
YUV	192.7880, -28.4895, 37.8969
Hunter-Lab	72.9466, 9.0570, 26.3974

Details

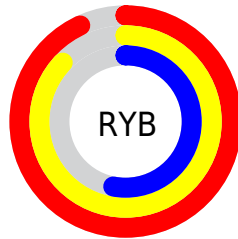
The CIELCh color **78, 34.272, 66.494** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 29.440, 259.050**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 25.890, 93.529**, and **58, 34.054, 66.269** is the 20% darker color. If you saturate the color by 10%, you get **75, 43.392, 65.319**, and if you desaturate by 10%, it is **81, 25.558, 67.680**.

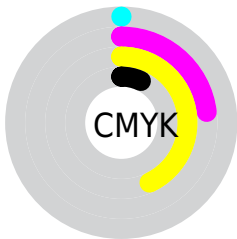
Distribution



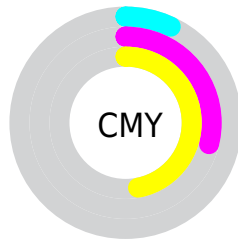
- Red (93%)
- Green (71%)
- Blue (53%)



- Red (93%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.272, 66.494 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, 34.272, 66.494 by changing the saturation by 10% instead.

 78, 34.272, 66.494

 78, 34.272, 66.494

 100, 34.272,
66.494

 68, 34.272, 66.494

 98, 34.272, 66.494

 58, 34.272, 66.494

 48, 34.272, 66.494

 38, 34.272, 66.494

 28, 34.272, 66.494

 18, 34.272, 66.494

 8, 34.272, 66.494

 0, 34.272, 66.494

 78, 34.272, 66.494

 78, 34.272, 66.494

75, 43.392, 65.319

81, 25.558, 67.680

71, 52.801, 64.117

85, 17.281, 68.862

68, 62.215, 62.823

89, 9.432, 70.029

65, 71.031, 61.273

92, 1.981, 71.029

63, 78.191, 59.143

96, 5.109, 252.502

61, 82.038, 57.189

99, 6.413, 199.103

Harmonies

Complementary

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



78, 34.272, 66.494



75, 29.440, 259.050

Rectangle

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



78, 34.272, 66.494



78, 34.272, 116.494



78, 34.272, 246.494



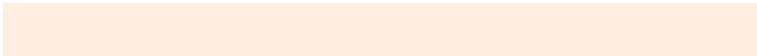
78, 34.272, 296.494

Sweetspot

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



78, 34.272, 66.500



95, 10.232, 69.995



69, 47.112, 345.135



50, 7.202, 69.739



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, 34.272, 66.500



81, 44.447, 65.502



90, 48.569, 103.758



47, 4.139, 70.402



47, 66.908, 57.888



12, 22.220, 57.239

Inverse Universe

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



75, 29.440, 259.050



76, 36.924, 261.338



62, 53.827, 294.227



47, 4.027, 252.836



41, 51.993, 280.378



10, 19.383, 271.898

Previews

White Background



This preview shows how the CIELCh color 78, 34.272, 66.494 looks on a white background.

Color Contrast Check

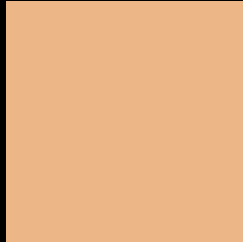
Large Text (above 18pt) WCAG AA × Fail

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, 34.272, 66.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

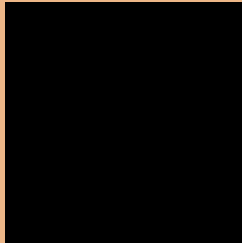
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 34.272, 66.494

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.272, 66.494.



This preview shows how white text looks on a background with the CIELCh color 78, 34.272, 66.494.

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](#).

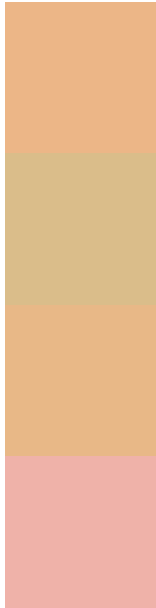
Dichromacy





Tritanopia
78, 26.186, 5.341

Trichromacy



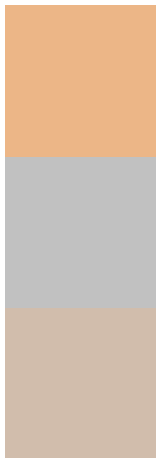
Original Color
78, 34.272, 66.494

Protanomaly
78, 29.778, 83.892

Deuteranomaly
78, 33.344, 70.692

Tritanomaly
78, 24.823, 32.355

Monochromacy



Original Color
78, 34.272, 66.494

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.968, 68.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.272, 66.494 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(236, 182, 135)` looks like.

```
.text, #text, p{  
    color:rgb(236, 182, 135)  
}
```

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(236, 182, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 182, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.272, 66.494 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(236, 182, 135) }
```

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

```
.border{ border-color:rgb(236, 182, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 182, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 182, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 182, 135);  
box-shadow:4px 4px 4px 4px rgb(236, 182,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.272, 66.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 182, 135) }
```

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

```
.background{ background-color: rgb(236,  
182, 135) }
```

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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