

Converting Colors

CIELCh(78, 38.885, 88.004)

Have a look what the booklet for
CIELCh(78, 38.885, 88.004) contains.

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Color

CIELCh(78, 39.067, 88.395)

Conversions

Conversions Part 1

Format	Color
Hex	DBBE78
RGB	219, 190, 120
RGB Percent	86%, 75%, 47%
CMY	0.1414, 0.2551, 0.5296
CMYK	0.00, 0.13, 0.45, 0.14
HSL	42°, 58%, 66%
HSV	42°, 45%, 86%
XYZ	50.9873, 53.2120, 25.3378
YIQ	190.6910, 39.7540, -15.6220

Conversions

Conversions Part 2

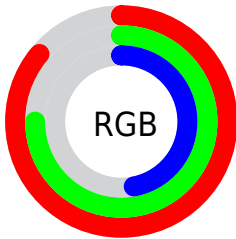
Format	Color
RYB	161, 219, 120
Decimal	14401144
CIELab	78.00, 1.09, 39.05
CIElCh	78, 39.067, 88.395
Yxy	53.2120, 0.3936, 0.4108
Android (android.graphics.Color)	4292591224 (0xFFDBBE78)
YUV	190.6910, -34.8507, 24.8270
Hunter-Lab	72.9466, -2.8907, 30.4684

Details

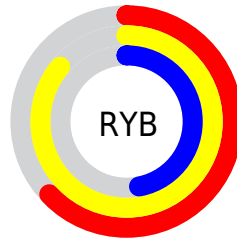
The CIELCh color **78, 39.067, 88.395** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62, 39.751, 282.004**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 37.056, 101.837**, and **58, 38.979, 88.581** is the 20% darker color. If you saturate the color by 10%, you get **76, 47.717, 87.004**, and if you desaturate by 10%, it is **80, 30.297, 89.753**.

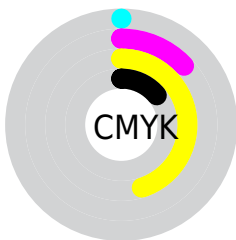
Distribution



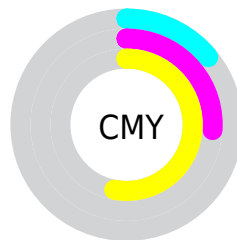
- Red (86%)
- Green (75%)
- Blue (47%)



- Red (63%)
- Yellow (86%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 39.067, 88.395 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, 39.067, 88.395 by changing the saturation by 10% instead.

78, 39.067, 88.395

78, 39.067, 88.395

100, 39.067,
88.395

68, 39.067, 88.395

98, 39.067, 88.395

58, 39.067, 88.395

48, 39.067, 88.395

38, 39.067, 88.395

28, 39.067, 88.395

18, 39.067, 88.395

8, 39.067, 88.395

0, 39.067, 88.395

78, 39.067, 88.395

78, 39.067, 88.395

76, 47.717, 87.004

80, 30.297, 89.753

74, 55.981, 85.552

82, 21.550, 91.070

72, 63.401, 84.003

84, 12.898, 92.343

71, 69.278, 82.272

86, 4.376, 93.547

69, 72.809, 80.218

88, 4.003, 274.849

68, 73.879, 79.146

91, 12.238,
275.953

92, 11.591,
263.561

94, 10.184,
243.264

96, 10.285,
220.425

Harmonies

Complementary

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



78, 39.067, 88.395



62, 39.751, 282.004

Rectangle

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



78, 39.067, 88.395



78, 39.067, 138.395



78, 39.067, 268.395



78, 39.067, 318.395

Sweetspot

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



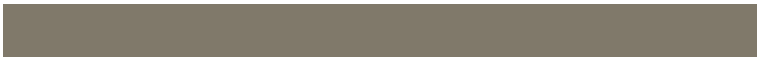
78, 39.068, 88.399



97, 13.419, 92.479



62, 41.821, 1.757



51, 9.282, 92.208



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, 39.068, 88.399



87, 52.821, 87.110



84, 51.010, 114.943



45, 4.794, 93.053



55, 62.131, 79.577



13, 20.080, 82.690

Inverse Universe

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



62, 39.751, 282.004



66, 54.334, 284.364



56, 56.949, 302.176



43, 4.812, 275.460



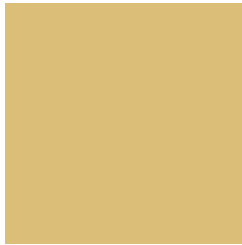
28, 77.532, 298.545



4, 23.599, 287.123

Previews

White Background



This preview shows how the CIELCh color 78, 39.067, 88.395 looks on a white background.

Color Contrast Check

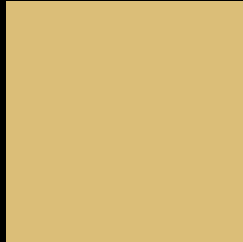
Large Text (above 18pt) WCAG AA × Fail

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 78, 39.067, 88.395 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, 39.067, 88.395

Background



This preview shows how black text looks on a background with the CIELCh color 78, 39.067, 88.395.



This preview shows how white text looks on a background with the CIELCh color 78, 39.067, 88.395.

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

78, 39.067, 88.395

Protanopia

78, 38.568, 95.966

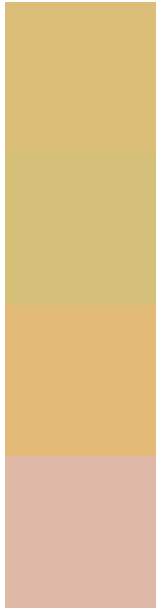
Deuteranopia

78, 39.902, 75.456



Tritanopia
78, 18.449, 357.208

Trichromacy



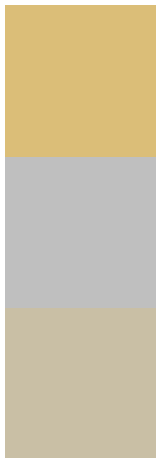
Original Color
78, 39.067, 88.395

Protanomaly
78, 38.484, 93.393

Deuteranomaly
78, 39.148, 79.785

Tritanomaly
78, 17.731, 49.009

Monochromacy



Original Color
78, 39.067, 88.395

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 14.408, 93.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 39.067, 88.395 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(219, 190, 120)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 120)  
}
```

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(219, 190, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 39.067, 88.395 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(219, 190, 120) }
```

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

```
.border{ border-color:rgb(219, 190, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 190, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 190, 120);  
box-shadow:4px 4px 4px 4px rgb(219, 190,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 39.067, 88.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 120) }
```

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

```
.background{ background-color: rgb(219,  
190, 120) }
```

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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