

Converting Colors

CIELCh(78, 40.589, 91.043)

Have a look what the booklet for
CIELCh(78, 40.589, 91.043) contains.

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Color

CIELCh(78, 40.583, 90.758)

Conversions

Conversions Part 1

Format	Color
Hex	D9BF75
RGB	217, 191, 117
RGB Percent	85%, 75%, 46%
CMY	0.1496, 0.2515, 0.5417
CMYK	0.00, 0.12, 0.46, 0.15
HSL	44°, 57%, 65%
HSV	44°, 46%, 85%
XYZ	50.3756, 53.2120, 24.4054
YIQ	190.3380, 39.2500, -17.5020

Conversions

Conversions Part 2

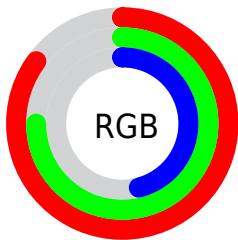
Format	Color
RYB	152, 217, 117
Decimal	14270325
CIELab	78.00, -0.54, 40.58
CIELCh	78, 40.583, 90.758
Yxy	53.2120, 0.3936, 0.4157
Android (android.graphics.Color)	4292460405 (0xFFD9BF75)
YUV	190.3380, -36.1556, 23.3826
Hunter-Lab	72.9466, -4.3875, 31.2262

Details

The CIELCh color **78, 40.583, 90.758** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60, 42.059, 284.372**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 38.963, 102.524**, and **58, 40.488, 91.015** is the 20% darker color. If you saturate the color by 10%, you get **76, 49.232, 89.410**, and if you desaturate by 10%, it is **80, 31.733, 92.081**.

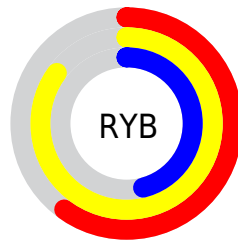
Distribution



Red (85%)

Green (75%)

Blue (46%)



Red (60%)

Yellow (85%)

Blue (46%)

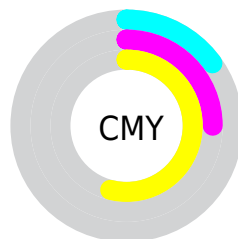


Cyan (0%)

Magenta (12%)

Yellow (46%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 40.583, 90.758 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, 40.583, 90.758 by changing the saturation by 10% instead.

 78, 40.583, 90.758

 78, 40.583, 90.758

 100, 40.583,
90.758

 68, 40.583, 90.758

 98, 40.583, 90.758

 58, 40.583, 90.758

 48, 40.583, 90.758

 38, 40.583, 90.758

 28, 40.583, 90.758

 18, 40.583, 90.758

 8, 40.583, 90.758

 0, 40.583, 90.758

 78, 40.583, 90.758

 78, 40.583, 90.758

76, 49.232, 89.410

80, 31.733, 92.081

75, 57.386, 88.012

82, 22.846, 93.367

73, 64.559, 86.537

83, 14.009, 94.614

72, 70.044, 84.915

85, 5.270, 95.803

70, 73.113, 83.033

87, 3.354, 277.073

69, 73.905, 82.256

89, 11.854,
278.151

91, 13.461,
271.623

93, 11.601,
257.436

94, 10.658,
239.540

Harmonies

Complementary

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



78, 40.583, 90.758



60, 42.059, 284.372

Rectangle

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



78, 40.583, 90.758



78, 40.583, 140.758



78, 40.583, 270.758



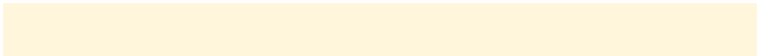
78, 40.583, 320.758

Sweetspot

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



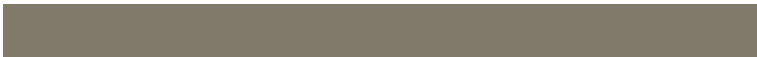
78, 40.584, 90.762



97, 13.870, 94.855



61, 42.005, 4.377



51, 9.590, 94.590



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, 40.584, 90.762



88, 55.063, 89.492



83, 51.800, 116.344



45, 4.959, 95.417



57, 62.620, 82.618



14, 20.629, 85.826

Inverse Universe

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



60, 42.059, 284.372



64, 57.993, 286.742



55, 57.764, 303.257



43, 4.993, 277.766



26, 81.175, 300.049



4, 24.333, 288.324

Previews

White Background



This preview shows how the CIELCh color 78, 40.583, 90.758 looks on a white background.

Color Contrast Check

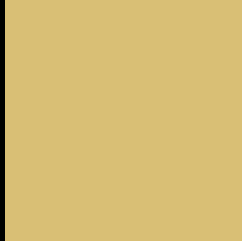
Large Text (above 18pt) WCAG AA × Fail

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, 40.583, 90.758 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, 40.583, 90.758

Background



This preview shows how black text looks on a background with the CIELCh color 78, 40.583, 90.758.

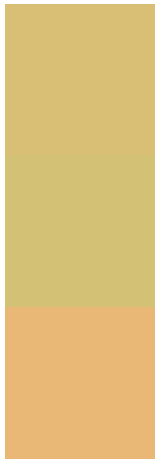


This preview shows how white text looks on a background with the CIELCh color 78, 40.583, 90.758.

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, 40.583, 90.758

Protanopia

78, 40.150, 95.594

Deuteranopia

78, 41.514, 75.851



Tritanopia
78, 18.102, 356.678

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 40.583, 90.758 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(217, 191, 117)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 117)  
}
```

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(217, 191, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 40.583, 90.758 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(217, 191, 117) }
```

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

```
.border{ border-color:rgb(217, 191, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 191, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 117);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 40.583, 90.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 117) }
```

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

```
.background{ background-color: rgb(217,  
191, 117) }
```

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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