

Converting Colors

CIELCh(82, 24.390, 76.562)

Have a look what the booklet for
CIELCh(82, 24.390, 76.562) contains.

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Color

CIELCh(82, 24.390, 76.562)

Conversions

Conversions Part 1

Format	Color
Hex	E7C7A0
RGB	231, 199, 160
RGB Percent	91%, 78%, 63%
CMY	0.0946, 0.2200, 0.3730
CMYK	0.00, 0.14, 0.31, 0.09
HSL	33°, 60%, 77%
HSV	33°, 31%, 91%
XYZ	59.6498, 60.2982, 41.7021
YIQ	204.1220, 31.5910, -5.3450

Conversions

Conversions Part 2

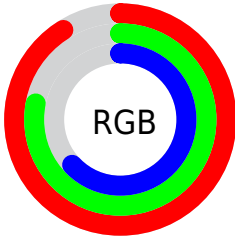
Format	Color
RYB	218, 231, 160
Decimal	15189920
CIELab	82.00, 5.67, 23.72
CIELCh	82, 24.390, 76.562
Yxy	60.2982, 0.3690, 0.3730
Android (android.graphics.Color)	4293380000 (0xFFE7C7A0)
YUV	204.1220, -21.7521, 23.5720
Hunter-Lab	77.6519, 1.2273, 22.5153

Details

The CIELCh color **82, 24.390, 76.562** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 22.977, 265.540**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **62, 24.360, 76.782** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.943, 75.217**, and if you desaturate by 10%, it is **85, 16.140, 77.890**.

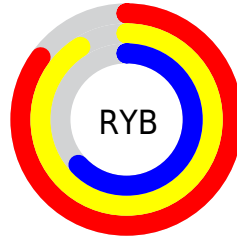
Distribution



Red (91%)

Green (78%)

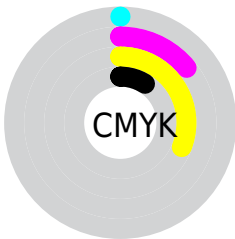
Blue (63%)



Red (85%)

Yellow (91%)

Blue (63%)

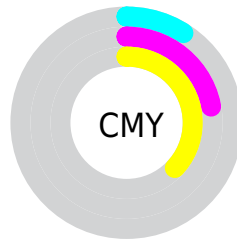


Cyan (0%)

Magenta (14%)

Yellow (31%)

Black (9%)



Cyan (9%)

Magenta (22%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 24.390, 76.562 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 82, 24.390, 76.562 by changing the saturation by 10% instead.

 82, 24.390, 76.562

 82, 24.390, 76.562

 100, 24.390,
76.562

 72, 24.390, 76.562

 62, 24.390, 76.562

 52, 24.390, 76.562

 42, 24.390, 76.562

 32, 24.390, 76.562

 22, 24.390, 76.562

 12, 24.390, 76.562

 2, 24.390, 76.562

 0, 24.390, 76.562

82, 24.390, 76.562

82, 24.390, 76.562

79, 32.943, 75.217

85, 16.140, 77.890

76, 41.748, 73.834

88, 8.198, 79.168

73, 50.674, 72.400

91, 0.552, 79.814

71, 59.437, 70.859

95, 6.821, 261.758

68, 67.480, 69.091

97, 7.102, 216.225

66, 73.884, 66.857

98, 8.228, 198.966

63, 77.849, 64.244

Harmonies

Complementary

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



82, 24.390, 76.562



77, 22.977, 265.540

Rectangle

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



82, 24.390, 76.562



82, 24.390, 126.562



82, 24.390, 256.562



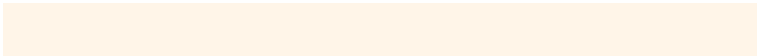
82, 24.390, 306.562

Sweetspot

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



82, 24.390, 76.569



97, 7.415, 79.377



73, 31.779, 348.492



51, 5.168, 79.198



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 24.390, 76.569



88, 32.209, 75.700



90, 36.293, 108.667



47, 4.300, 79.328



50, 64.069, 64.909



13, 21.034, 66.061

Inverse Universe

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



77, 22.977, 265.540



80, 29.929, 266.940



68, 39.136, 295.090



46, 4.236, 261.888



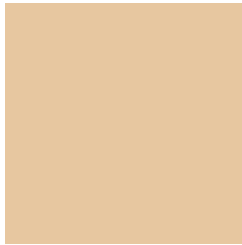
36, 60.723, 288.431



8, 21.531, 280.213

Previews

White Background



This preview shows how the CIELCh color 82, 24.390, 76.562 looks on a white background.

Color Contrast Check

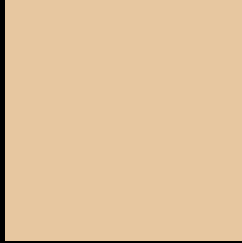
Large Text (above 18pt) WCAG AA × Fail

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 82, 24.390, 76.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

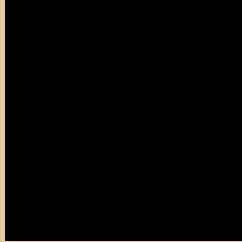
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 24.390, 76.562

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.390, 76.562.



This preview shows how white text looks on a background with the CIELCh color 82, 24.390, 76.562.

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



Original Color

82, 24.390, 76.562

Protanopia

82, 22.689, 95.089

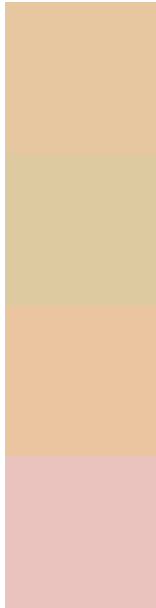
Deuteranopia

82, 25.689, 67.269



Tritanopia
82, 18.111, 355.034

Trichromacy



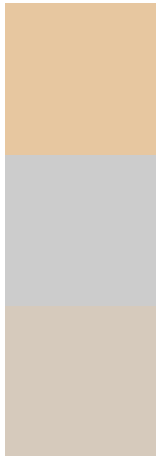
Original Color
82, 24.390, 76.562

Protanomaly
82, 23.058, 88.034

Deuteranomaly
82, 25.003, 70.732

Tritanomaly
82, 15.167, 30.460

Monochromacy



Original Color
82, 24.390, 76.562

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.665, 77.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.390, 76.562 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, 199, 160)` looks like.

```
.text, #text, p{  
    color:rgb(231, 199, 160)  
}
```

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, 199, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 199, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.390, 76.562 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, 199, 160) }
```

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

```
.border{ border-color:rgb(231, 199, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 199, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 199, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 199, 160);  
box-shadow:4px 4px 4px 4px rgb(231, 199,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.390, 76.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 199, 160) }
```

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

```
.background{ background-color: rgb(231,  
199, 160) }
```

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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