

Converting Colors

CIELCh(86, 22.253, 85.921)

Have a look what the booklet for
CIELCh(86, 22.253, 85.921) contains.

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Color

CIELCh(86, 22.477, 86.868)

Conversions

Conversions Part 1

Format	Color
Hex	EAD5AD
RGB	234, 213, 173
RGB Percent	92%, 84%, 68%
CMY	0.0830, 0.1653, 0.3221
CMYK	0.00, 0.09, 0.26, 0.08
HSL	39°, 59%, 80%
HSV	39°, 26%, 92%
XYZ	65.1627, 67.9871, 49.1478
YIQ	214.7190, 25.3560, -7.9880

Conversions

Conversions Part 2

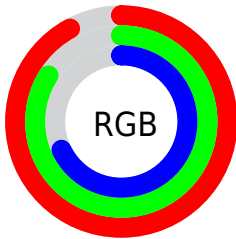
Format	Color
R_{YB}	205, 234, 173
Decimal	15390125
CIE _{Lab}	86.00, 1.23, 22.44
CIE _{LCh}	86, 22.477, 86.868
Yxy	67.9871, 0.3575, 0.3729
Android (android.graphics.Color)	4293580205 (0xFFEAD5AD)
YUV	214.7190, -20.5675, 16.9094
Hunter-Lab	82.4543, -3.2284, 22.3775

Details

The CIELCh color $86, 22.477, 86.868$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $78, 22.267, 274.203$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 13.158, 109.183$, and $66, 22.626, 86.016$ is the 20% darker color. If you saturate the color by 10%, you get $84, 31.417, 85.513$, and if you desaturate by 10%, it is $89, 13.703, 88.192$.

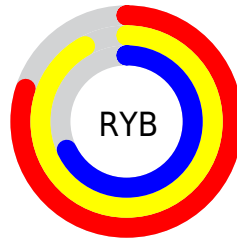
Distribution



Red (92%)

Green (84%)

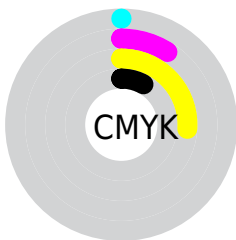
Blue (68%)



Red (80%)

Yellow (92%)

Blue (68%)

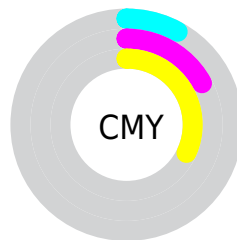


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 22.477, 86.868 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 86, 22.477, 86.868 by changing the saturation by 10% instead.

 86, 22.477, 86.868

 86, 22.477, 86.868

 100, 22.477,
86.868

 76, 22.477, 86.868

 66, 22.477, 86.868

 56, 22.477, 86.868

 46, 22.477, 86.868

 36, 22.477, 86.868

 26, 22.477, 86.868

 16, 22.477, 86.868

 6, 22.477, 86.868

 0, 22.477, 86.868

86, 22.477, 86.868

86, 22.477, 86.868

84, 31.417, 85.513

89, 13.703, 88.192

81, 40.456, 84.110

91, 5.117, 89.439

79, 49.456, 82.657

94, 3.276, 270.814

77, 58.148, 81.128

96, 6.322, 253.290

75, 66.045, 79.462

98, 6.639, 207.552

72, 72.372, 77.536

99, 7.240, 199.039

70, 76.217, 75.151

70, 77.262, 74.134

Harmonies

Complementary

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



86, 22.477, 86.868



78, 22.267, 274.203

Rectangle

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



86, 22.477, 86.868



86, 22.477, 136.868



86, 22.477, 266.868



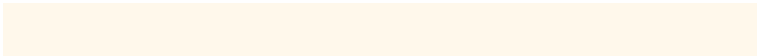
86, 22.477, 316.868

Sweetspot

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



86, 22.478, 86.875



98, 7.241, 89.205



77, 25.530, 355.324



52, 5.156, 89.020



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 22.478, 86.875



92, 28.816, 86.191



91, 31.418, 114.098



48, 4.815, 89.030



55, 63.795, 74.668



15, 23.202, 77.421

Inverse Universe

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



78, 22.267, 274.203



81, 28.497, 275.173



73, 33.354, 298.399



46, 4.808, 271.534



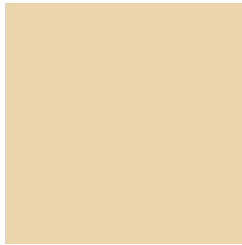
31, 74.221, 295.930



6, 26.479, 288.438

Previews

White Background



This preview shows how the CIELCh color 86, 22.477, 86.868 looks on a white background.

Color Contrast Check

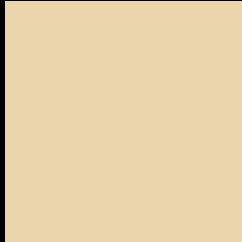
Large Text (above 18pt) WCAG AA × Fail

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 86, 22.477, 86.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

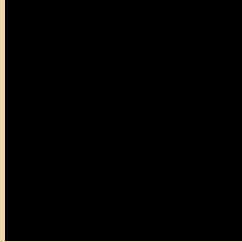
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 22.477, 86.868

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.477, 86.868.



This preview shows how white text looks on a background with the CIELCh color 86, 22.477, 86.868.

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](#).

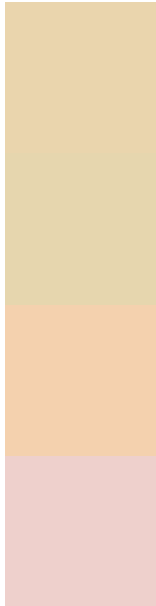
Dichromacy





Tritanopia
86, 14.936, 346.491

Trichromacy



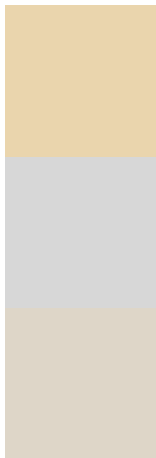
Original Color
86, 22.477, 86.868

Protanomaly
86, 21.791, 91.707

Deuteranomaly
86, 23.064, 71.825

Tritanomaly
86, 11.427, 30.669

Monochromacy



Original Color
86, 22.477, 86.868

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.886, 87.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 22.477, 86.868 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(234, 213, 173)` looks like.

```
.text, #text, p{  
    color:rgb(234, 213, 173)  
}
```

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(234, 213, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 213, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.477, 86.868 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(234, 213, 173) }
```

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

```
.border{ border-color:rgb(234, 213, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 213, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 213, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 213, 173);  
box-shadow:4px 4px 4px 4px rgb(234, 213,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.477, 86.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 213, 173) }
```

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

```
.background{ background-color: rgb(234,  
213, 173) }
```

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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