

Converting Colors

CIELCh(85, 22.387, 79.142)

Have a look what the booklet for
CIELCh(85, 22.387, 79.142) contains.

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Color

CIELCh(85, 22.396, 78.920)

Conversions

Conversions Part 1

Format	Color
Hex	ECD0AB
RGB	236, 208, 171
RGB Percent	93%, 82%, 67%
CMY	0.0738, 0.1836, 0.3287
CMYK	0.00, 0.12, 0.28, 0.07
HSL	34°, 63%, 80%
HSV	34°, 28%, 93%
XYZ	64.6169, 66.0070, 47.9476
YIQ	212.1540, 28.5650, -5.5710

Conversions

Conversions Part 2

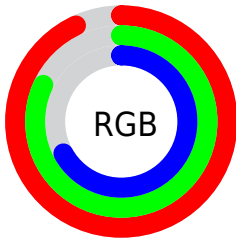
Format	Color
R _Y B	220, 236, 171
Decimal	15519915
CIE Lab	85.00, 4.30, 21.98
CIE LCh	85, 22.396, 78.920
Yxy	66.0070, 0.3619, 0.3696
Android (android.graphics.Color)	4293709995 (0xFFECD0AB)
YUV	212.1540, -20.2889, 20.9129
Hunter-Lab	81.2447, -0.2106, 21.8806

Details

The CIELCh color **85, 22.396, 78.920** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 21.430, 266.866**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **65, 22.184, 79.523** is the 20% darker color. If you saturate the color by 10%, you get **82, 31.071, 77.565**, and if you desaturate by 10%, it is **88, 14.006, 80.253**.

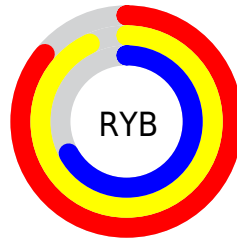
Distribution



Red (93%)

Green (82%)

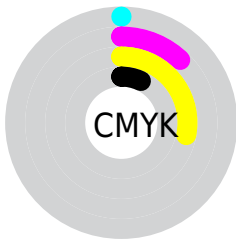
Blue (67%)



Red (86%)

Yellow (93%)

Blue (67%)

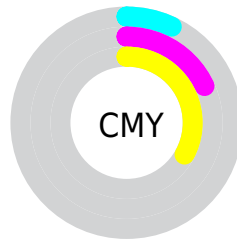


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.396, 78.920 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 85, 22.396, 78.920 by changing the saturation by 10% instead.

 85, 22.396, 78.920

 85, 22.396, 78.920

 100, 22.396,
78.920

 75, 22.396, 78.920

 65, 22.396, 78.920

 55, 22.396, 78.920

 45, 22.396, 78.920

 35, 22.396, 78.920

 25, 22.396, 78.920

 15, 22.396, 78.920

 5, 22.396, 78.920

 0, 22.396, 78.920

85, 22.396, 78.920

85, 22.396, 78.920

82, 31.071, 77.565

88, 14.006, 80.253

79, 39.988, 76.169

91, 5.905, 81.519

76, 49.039, 74.725

94, 1.921, 263.025

74, 57.978, 73.193

97, 5.314, 235.486

71, 66.329, 71.482

99, 6.454, 199.099

69, 73.263, 69.404

66, 77.803, 66.686

66, 78.749, 65.983

Harmonies

Complementary

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



85, 22.396, 78.920



79, 21.430, 266.866

Rectangle

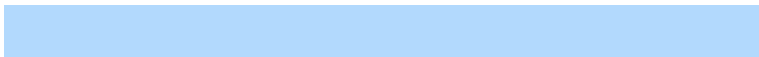
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 22.396, 78.920



85, 22.396, 128.920



85, 22.396, 258.920



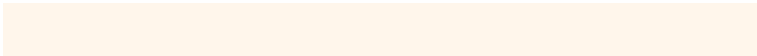
85, 22.396, 308.920

Sweetspot

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



85, 22.397, 78.927



97, 6.686, 81.458



77, 28.389, 350.134



52, 4.765, 81.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 22.397, 78.927



89, 28.858, 78.167



92, 33.206, 110.407



48, 4.450, 81.282



51, 64.412, 66.643



14, 22.389, 68.404

Inverse Universe

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



79, 21.430, 266.866



82, 27.341, 268.010



73, 35.471, 295.746



46, 4.396, 263.852



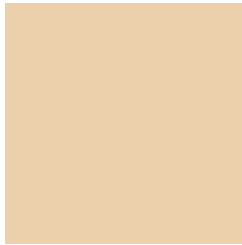
36, 63.788, 290.082



8, 23.220, 282.594

Previews

White Background



This preview shows how the CIELCh color 85, 22.396, 78.920 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 85, 22.396, 78.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

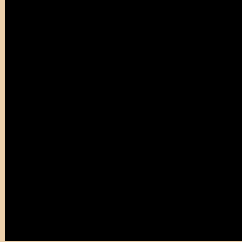
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 22.396, 78.920

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.396, 78.920.

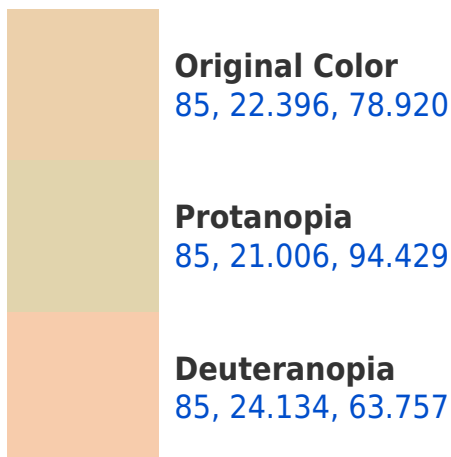


This preview shows how white text looks on a background with the CIELCh color 85, 22.396, 78.920.

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](#).

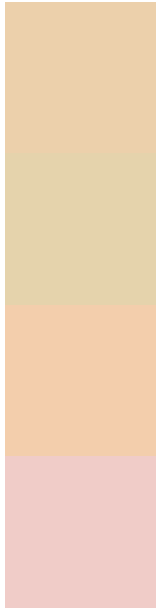
Dichromacy





Tritanopia
85, 16.627, 352.555

Trichromacy



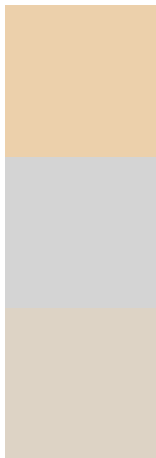
Original Color
85, 22.396, 78.920

Protanomaly
85, 21.601, 89.334

Deuteranomaly
85, 23.221, 69.537

Tritanomaly
85, 13.756, 29.084

Monochromacy



Original Color
85, 22.396, 78.920

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.220, 82.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.396, 78.920 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, 208, 171)` looks like.

```
.text, #text, p{  
    color:rgb(236, 208, 171)  
}
```

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, 208, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 208, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.396, 78.920 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, 208, 171) }
```

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

```
.border{ border-color:rgb(236, 208, 171) }
```

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

Here you see how a box with a 4 pixel rgb(236, 208, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 208, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 208, 171);  
box-shadow:4px 4px 4px 4px rgb(236, 208,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.396, 78.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 208, 171) }
```

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

```
.background{ background-color: rgb(236,  
208, 171) }
```

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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