

Converting Colors

CIELCh(85, 36.790, 92.625)

Have a look what the booklet for
CIELCh(85, 36.790, 92.625) contains.

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Color

CIELCh(85, 36.613, 92.208)

Conversions

Conversions Part 1

Format	Color
Hex	EAD38F
RGB	234, 211, 143
RGB Percent	92%, 83%, 56%
CMY	0.0827, 0.1728, 0.4395
CMYK	0.00, 0.10, 0.39, 0.08
HSL	45°, 68%, 74%
HSV	45°, 39%, 92%
XYZ	62.1298, 66.0070, 35.4219
YIQ	210.1250, 35.5360, -16.2720

Conversions

Conversions Part 2

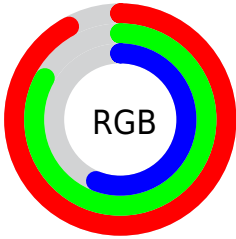
Format	Color
RYB	174, 234, 143
Decimal	15389583
CIELab	85.00, -1.41, 36.59
CIELCh	85, 36.613, 92.208
Yxy	66.0070, 0.3799, 0.4036
Android (android.graphics.Color)	4293579663 (0xFFEAD38F)
YUV	210.1250, -33.0926, 20.9384
Hunter-Lab	81.2447, -5.6749, 31.0214

Details

The CIELCh color **85, 36.613, 92.208** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 37.724, 283.257**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **65, 36.555, 92.358** is the 20% darker color. If you saturate the color by 10%, you get **83, 46.019, 90.888**, and if you desaturate by 10%, it is **87, 27.115, 93.506**.

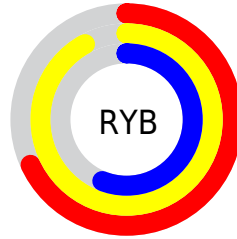
Distribution



Red (92%)

Green (83%)

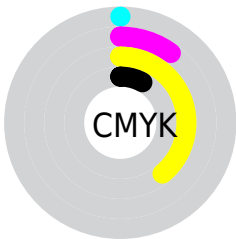
Blue (56%)



Red (68%)

Yellow (92%)

Blue (56%)

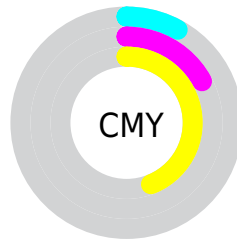


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 36.613, 92.208 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, 36.613, 92.208 by changing the saturation by 10% instead.

 85, 36.613, 92.208

 85, 36.613, 92.208

 100, 36.613,
92.208

 75, 36.613, 92.208

 65, 36.613, 92.208

 55, 36.613, 92.208

 45, 36.613, 92.208

 35, 36.613, 92.208

 25, 36.613, 92.208

 15, 36.613, 92.208

 5, 36.613, 92.208

 0, 36.613, 92.208

85, 36.613, 92.208

85, 36.613, 92.208

83, 46.019, 90.888

87, 27.115, 93.506

81, 55.114, 89.530

89, 17.640, 94.763

80, 63.528, 88.123

91, 8.250, 95.974

78, 70.661, 86.628

93, 1.026, 277.387

77, 75.710, 84.966

95, 7.756, 273.960

75, 78.168, 83.040

96, 6.077, 245.949

75, 78.381, 82.824

98, 6.412, 211.575

99, 7.215, 199.041

Harmonies

Complementary

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



85, 36.613, 92.208



69, 37.724, 283.257

Rectangle

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



85, 36.613, 92.208



85, 36.613, 142.208



85, 36.613, 272.208



85, 36.613, 322.208

Sweetspot

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



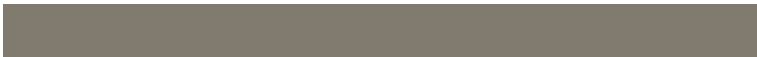
85, 36.614, 92.212



97, 11.960, 95.598



69, 37.488, 3.086



52, 7.940, 95.440



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

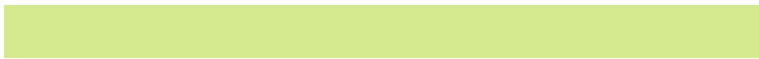
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 36.614, 92.212



90, 47.454, 91.112



89, 46.868, 116.758



48, 5.282, 95.907



59, 64.780, 83.205



17, 24.651, 86.033

Inverse Universe

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



69, 37.724, 283.257



69, 49.460, 285.138



65, 51.225, 302.504



46, 5.321, 278.259



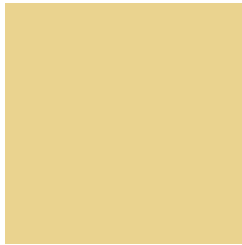
27, 84.879, 300.452



5, 29.399, 292.128

Previews

White Background



This preview shows how the CIELCh color 85, 36.613, 92.208 looks on a white background.

Color Contrast Check

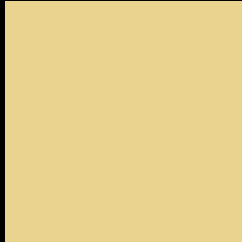
Large Text (above 18pt) WCAG AA × Fail

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 85, 36.613, 92.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

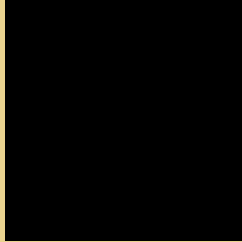
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 36.613, 92.208

Background



This preview shows how black text looks on a background with the CIELCh color 85, 36.613, 92.208.



This preview shows how white text looks on a background with the CIELCh color 85, 36.613, 92.208.

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

85, 36.613, 92.208

Protanopia

85, 36.573, 95.475

Deuteranopia

85, 37.347, 73.206



Tritanopia
85, 16.627, 352.555

Trichromacy



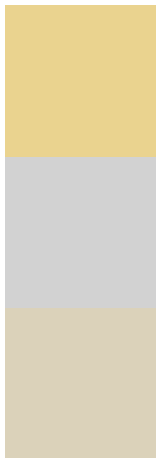
Original Color
85, 36.613, 92.208

Protanomaly
85, 36.664, 94.848

Deuteranomaly
85, 36.768, 80.002

Tritanomaly
85, 15.293, 50.945

Monochromacy



Original Color
85, 36.613, 92.208

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 13.035, 93.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 36.613, 92.208 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, 211, 143)` looks like.

```
.text, #text, p{  
    color:rgb(234, 211, 143)  
}
```

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, 211, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 211, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 36.613, 92.208 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, 211, 143) }
```

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

```
.border{ border-color:rgb(234, 211, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 211, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 211, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 211, 143);  
box-shadow:4px 4px 4px 4px rgb(234, 211,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 36.613, 92.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 211, 143) }
```

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

```
.background{ background-color: rgb(234,  
211, 143) }
```

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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