

Converting Colors

CIELCh(85, 12.531, 35.416)

Have a look what the booklet for
CIELCh(85, 12.531, 35.416) contains.

CIELCh(85, 12.490, 34.737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 12.490, 34.737)

Conversions

Conversions Part 1

Format	Color
Hex	EDCDC7
RGB	237, 205, 199
RGB Percent	93%, 80%, 78%
CMY	0.0693, 0.1948, 0.2184
CMYK	0.00, 0.13, 0.16, 0.07
HSL	9°, 52%, 86%
HSV	9°, 16%, 93%
XYZ	67.2806, 66.0070, 63.4137
YIQ	213.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

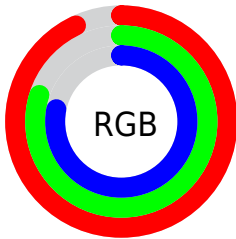
Format	Color
R _Y B	237, 206, 199
Decimal	15584711
CIE Lab	85.00, 10.26, 7.12
CIE LCh	85, 12.490, 34.737
Yxy	66.0070, 0.3420, 0.3356
Android (android.graphics.Color)	4293774791 (0xFFEDCDC7)
YUV	213.8840, -7.3378, 20.2727
Hunter-Lab	81.2447, 5.6416, 10.5938

Details

The CIELCh color **85, 12.490, 34.737** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 11.224, 214.985**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 12.555, 35.694** is the 20% darker color. If you saturate the color by 10%, you get **80, 21.161, 34.986**, and if you desaturate by 10%, it is **91, 4.499, 34.583**.

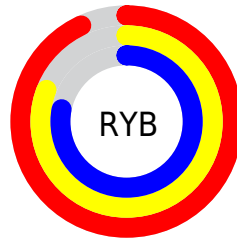
Distribution



Red (93%)

Green (80%)

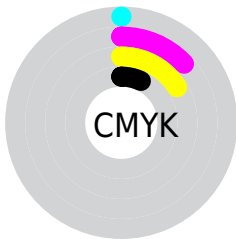
Blue (78%)



Red (93%)

Yellow (81%)

Blue (78%)

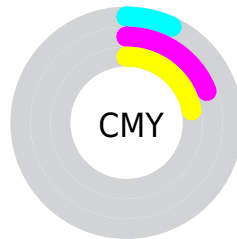


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 12.490, 34.737 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, 12.490, 34.737 by changing the saturation by 10% instead.

85, 12.490, 34.737

85, 12.490, 34.737

100, 12.490,
34.737

75, 12.490, 34.737

65, 12.490, 34.737

55, 12.490, 34.737

45, 12.490, 34.737

35, 12.490, 34.737

25, 12.490, 34.737

15, 12.490, 34.737

5, 12.490, 34.737

0, 12.490, 34.737

85, 12.490, 34.737

85, 12.490, 34.737

80, 21.161, 34.986

91, 4.499, 34.583

74, 30.551, 35.396

96, 2.863, 214.971

69, 40.661, 36.032

99, 6.070, 199.130

65, 51.428, 36.945

61, 62.688, 38.158

57, 74.087, 39.619

54, 84.850, 41.068

52, 93.305, 41.823

51, 95.954, 42.035

Harmonies

Complementary

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



85, 12.490, 34.737



90, 11.224, 214.985

Rectangle

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



85, 12.490, 34.737



85, 12.490, 84.737



85, 12.490, 214.737



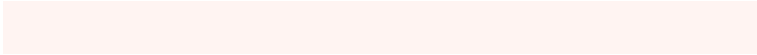
85, 12.490, 264.737

Sweetspot

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



85, 12.489, 34.749



97, 3.947, 34.554



84, 21.778, 329.797



51, 2.701, 34.576



0, 0.000, 0.000



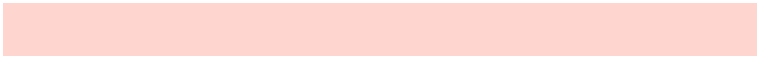
53, 0.007, 296.813

Same Dimension

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



85, 12.489, 34.749



89, 15.907, 34.807



90, 13.737, 87.713



47, 4.346, 34.648



40, 78.794, 42.356



9, 26.823, 32.623

Inverse Universe

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



90, 11.224, 214.985



95, 13.981, 215.053



85, 13.652, 272.026



49, 4.089, 214.901



59, 34.024, 226.380



17, 14.921, 221.660

Previews

White Background



This preview shows how the CIELCh color 85, 12.490, 34.737 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, 12.490, 34.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

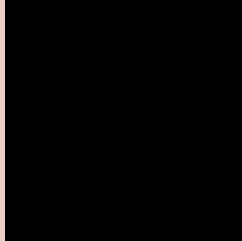
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 12.490, 34.737

Background



This preview shows how black text looks on a background with the CIELCh color 85, 12.490, 34.737.

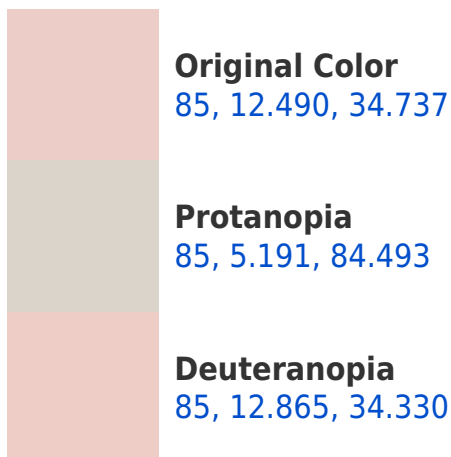


This preview shows how white text looks on a background with the CIELCh color 85, 12.490, 34.737.

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](#).

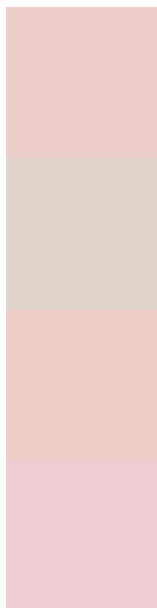
Dichromacy





Tritanopia
85, 16.226, 349.588

Trichromacy



Original Color
85, 12.490, 34.737

Protanomaly
85, 6.967, 56.559

Deuteranomaly
85, 12.865, 34.330

Tritanomaly
85, 13.949, 3.031

Monochromacy



Original Color
85, 12.490, 34.737

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 4.157, 34.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 12.490, 34.737 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(237, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 205, 199)  
}
```

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(237, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 205, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 12.490, 34.737 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(237, 205, 199) }
```

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

```
.border{ border-color:rgb(237, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 205,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 12.490, 34.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 205, 199) }
```

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

```
.background{ background-color: rgb(237,  
205, 199) }
```

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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