

Converting Colors

CIELCh(85, 19.370, 82.302)

Have a look what the booklet for
CIELCh(85, 19.370, 82.302) contains.

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Color

CIELCh(85, 19.344, 82.308)

Conversions

Conversions Part 1

Format	Color
Hex	E7D1B0
RGB	231, 209, 176
RGB Percent	91%, 82%, 69%
CMY	0.0925, 0.1788, 0.3083
CMYK	0.00, 0.10, 0.24, 0.09
HSL	36°, 54%, 80%
HSV	36°, 24%, 91%
XYZ	63.8637, 66.0070, 50.6519
YIQ	211.8160, 23.7050, -5.5990

Conversions

Conversions Part 2

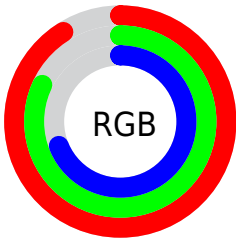
Format	Color
R _Y B	213, 231, 176
Decimal	15192496
CIE Lab	85.00, 2.59, 19.17
CIE LCh	85, 19.344, 82.308
Yxy	66.0070, 0.3538, 0.3656
Android (android.graphics.Color)	4293382576 (0xFFE7D1B0)
YUV	211.8160, -17.6573, 16.8244
Hunter-Lab	81.2447, -1.8654, 19.9070

Details

The CIELCh color $85, 19.344, 82.308$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $79, 18.839, 269.033$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 11.641, 109.297$, and $65, 19.648, 82.972$ is the 20% darker color. If you saturate the color by 10%, you get $82, 27.897, 80.956$, and if you desaturate by 10%, it is $88, 11.035, 83.632$.

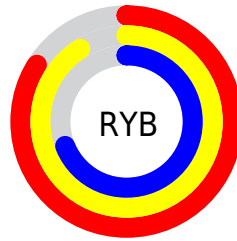
Distribution



Red (91%)

Green (82%)

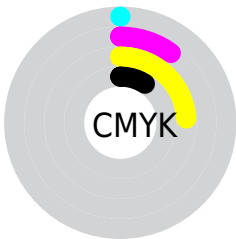
Blue (69%)



Red (84%)

Yellow (91%)

Blue (69%)

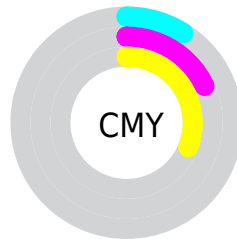


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 19.344, 82.308 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, 19.344, 82.308 by changing the saturation by 10% instead.

 85, 19.344, 82.308

 85, 19.344, 82.308

 100, 19.344,
82.308

 75, 19.344, 82.308

 65, 19.344, 82.308

 55, 19.344, 82.308

 45, 19.344, 82.308

 35, 19.344, 82.308

 25, 19.344, 82.308

 15, 19.344, 82.308

 5, 19.344, 82.308

 0, 19.344, 82.308

85, 19.344, 82.308

85, 19.344, 82.308

82, 27.897, 80.956

88, 11.035, 83.632

80, 36.659, 79.557

91, 2.973, 84.840

77, 45.539, 78.113

94, 4.852, 266.259

74, 54.341, 76.598

96, 6.678, 240.427

72, 62.677, 74.949

98, 8.050, 198.979

70, 69.861, 73.033

67, 74.928, 70.619

66, 77.018, 68.865

Harmonies

Complementary

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



85, 19.344, 82.308



79, 18.839, 269.033

Rectangle

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



85, 19.344, 82.308



85, 19.344, 132.308



85, 19.344, 262.308



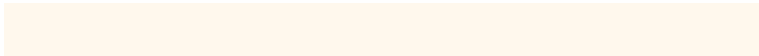
85, 19.344, 312.308

Sweetspot

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



85, 19.345, 82.316



98, 6.000, 84.476



77, 23.604, 351.772



52, 3.902, 84.403



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, 19.345, 82.316



91, 25.736, 81.590



90, 28.326, 112.159



47, 4.487, 84.180



52, 63.351, 69.489



14, 21.358, 71.587

Inverse Universe

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



79, 18.839, 269.033



84, 24.897, 270.050



74, 29.936, 296.417



45, 4.452, 266.734



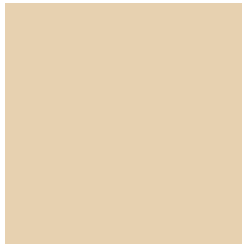
34, 66.696, 292.316



7, 23.308, 284.093

Previews

White Background



This preview shows how the CIELCh color 85, 19.344, 82.308 looks on a white background.

Color Contrast Check

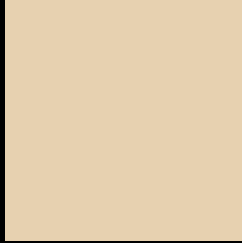
Large Text (above 18pt) WCAG AA × Fail

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, 19.344, 82.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

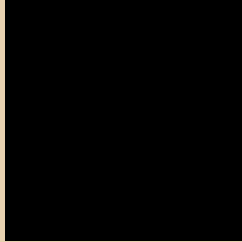
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 19.344, 82.308

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.344, 82.308.



This preview shows how white text looks on a background with the CIELCh color 85, 19.344, 82.308.

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, 19.344, 82.308

Protanopia

85, 18.375, 93.994

Deuteranopia

85, 21.623, 60.740



Tritanopia
85, 14.975, 346.508

Trichromacy



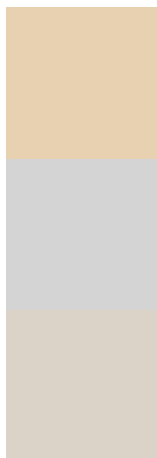
Original Color
85, 19.344, 82.308

Protanomaly
85, 18.856, 89.379

Deuteranomaly
85, 20.340, 67.900

Tritanomaly
85, 11.216, 22.865

Monochromacy



Original Color
85, 19.344, 82.308

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.942, 84.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.344, 82.308 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, 209, 176)` looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 176)  
}
```

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, 209, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.344, 82.308 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, 209, 176) }
```

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

```
.border{ border-color:rgb(231, 209, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 209, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 209, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 209, 176); box-shadow:4px 4px 4px 4px rgb(231, 209, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.344, 82.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 176) }
```

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

```
.background{ background-color: rgb(231,  
209, 176) }
```

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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