

Converting Colors

CIELCh(85, 15.826, 81.686)

Have a look what the booklet for
CIELCh(85, 15.826, 81.686) contains.

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Color

CIELCh(85, 15.944, 81.598)

Conversions

Conversions Part 1

Format	Color
Hex	E5D2B7
RGB	229, 210, 183
RGB Percent	90%, 82%, 72%
CMY	0.1029, 0.1774, 0.2832
CMYK	0.00, 0.08, 0.20, 0.10
HSL	35°, 47%, 81%
HSV	35°, 20%, 90%
XYZ	63.7503, 66.0070, 54.0565
YIQ	212.6030, 19.9910, -4.3690

Conversions

Conversions Part 2

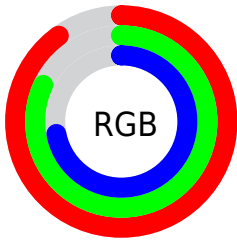
Format	Color
R _Y B	215, 229, 183
Decimal	15061687
CIE Lab	85.00, 2.33, 15.77
CIE LCh	85, 15.944, 81.598
Yxy	66.0070, 0.3468, 0.3591
Android (android.graphics.Color)	4293251767 (0xFFE5D2B7)
YUV	212.6030, -14.5943, 14.3802
Hunter-Lab	81.2447, -2.1146, 17.4224

Details

The CIELCh color $85, 15.944, 81.598$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $81, 15.541, 267.193$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.099, 109.562$, and $65, 16.035, 82.654$ is the 20% darker color. If you saturate the color by 10%, you get $82, 24.270, 80.266$, and if you desaturate by 10%, it is $88, 7.880, 82.898$.

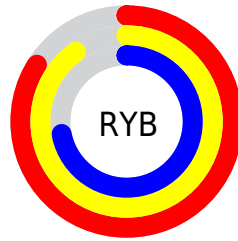
Distribution



Red (90%)

Green (82%)

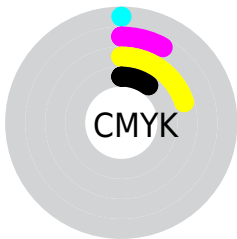
Blue (72%)



Red (84%)

Yellow (90%)

Blue (72%)

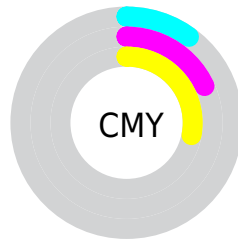


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 15.944, 81.598 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, 15.944, 81.598 by changing the saturation by 10% instead.

■ 85, 15.944, 81.598

■ 85, 15.944, 81.598

■ 100, 15.944,
81.598

■ 75, 15.944, 81.598

■ 65, 15.944, 81.598

■ 55, 15.944, 81.598

■ 45, 15.944, 81.598

■ 35, 15.944, 81.598

■ 25, 15.944, 81.598

■ 15, 15.944, 81.598

■ 5, 15.944, 81.598

■ 0, 15.944, 81.598

85, 15.944, 81.598

85, 15.944, 81.598

82, 24.270, 80.266

88, 7.880, 82.898

79, 32.838, 78.887

91, 0.070, 79.502

77, 41.591, 77.469

94, 7.501, 265.482

74, 50.387, 75.994

96, 7.373, 230.332

72, 58.932, 74.414

98, 8.931, 198.915

69, 66.676, 72.624

67, 72.738, 70.421

65, 76.537, 67.685

Harmonies

Complementary

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



85, 15.944, 81.598



81, 15.541, 267.193

Rectangle

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



85, 15.944, 81.598



85, 15.944, 131.598



85, 15.944, 261.598



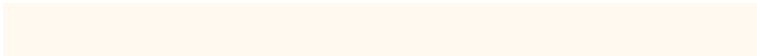
85, 15.944, 311.598

Sweetspot

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



85, 15.945, 81.608



98, 5.073, 83.392



79, 19.871, 350.309



52, 3.369, 83.315



0, 0.000, 0.000



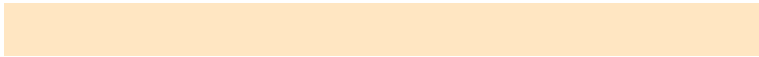
53, 0.007, 296.813

Same Dimension

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



85, 15.945, 81.608



92, 20.927, 81.070



90, 23.746, 111.761



47, 4.436, 82.979



51, 63.490, 68.298



13, 21.255, 70.187

Inverse Universe

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



81, 15.541, 267.193



87, 20.277, 267.906



76, 24.870, 295.409



45, 4.394, 265.539



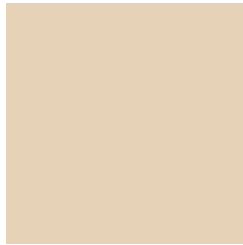
34, 65.154, 291.384



7, 22.863, 283.210

Previews

White Background



This preview shows how the CIELCh color 85, 15.944, 81.598 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, 15.944, 81.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

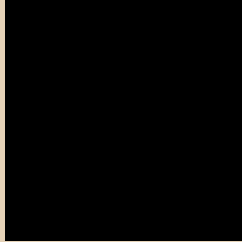
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 15.944, 81.598

Background



This preview shows how black text looks on a background with the CIELCh color 85, 15.944, 81.598.



This preview shows how white text looks on a background with the CIELCh color 85, 15.944, 81.598.

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, 15.944, 81.598

Protanopia

85, 15.240, 92.855

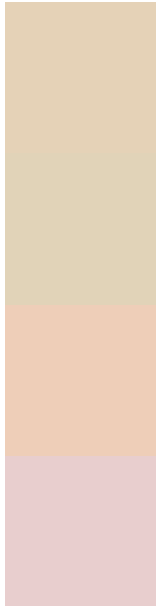
Deuteranopia

85, 18.537, 54.462



Tritanopia
85, 13.778, 342.926

Trichromacy



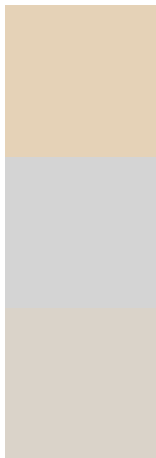
Original Color
85, 15.944, 81.598

Protanomaly
85, 15.124, 88.142

Deuteranomaly
85, 17.012, 62.408

Tritanomaly
85, 9.655, 20.076

Monochromacy



Original Color
85, 15.944, 81.598

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.831, 83.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 15.944, 81.598 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(229, 210, 183)` looks like.

```
.text, #text, p{  
    color:rgb(229, 210, 183)  
}
```

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(229, 210, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 15.944, 81.598 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(229, 210, 183) }
```

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

```
.border{ border-color:rgb(229, 210, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 210, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 210, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 210, 183);  
box-shadow:4px 4px 4px 4px rgb(229, 210,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 15.944, 81.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 210, 183) }
```

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

```
.background{ background-color: rgb(229,  
210, 183) }
```

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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