

Converting Colors

CIELCh(85, 27.223, 91.877)

Have a look what the booklet for
CIELCh(85, 27.223, 91.877) contains.

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Color

CIELCh(85, 27.206, 91.739)

Conversions

Conversions Part 1

Format	Color
Hex	E6D3A1
RGB	230, 211, 161
RGB Percent	90%, 83%, 63%
CMY	0.0979, 0.1724, 0.3685
CMYK	0.00, 0.08, 0.30, 0.10
HSL	43°, 58%, 77%
HSV	43°, 30%, 90%
XYZ	62.3814, 66.0070, 43.1847
YIQ	210.9810, 27.3740, -11.5220

Conversions

Conversions Part 2

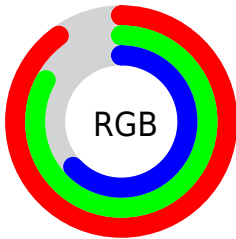
Format	Color
RYB	187, 230, 161
Decimal	15127457
CIELab	85.00, -0.83, 27.19
CIELCh	85, 27.206, 91.739
Yxy	66.0070, 0.3636, 0.3847
Android (android.graphics.Color)	4293317537 (0xFFE6D3A1)
YUV	210.9810, -24.6406, 16.6797
Hunter-Lab	81.2447, -5.1221, 25.3564

Details

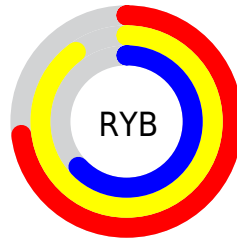
The CIELCh color **85, 27.206, 91.739** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 27.580, 279.994**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **65, 27.415, 91.871** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.438, 90.424**, and if you desaturate by 10%, it is **87, 18.022, 93.028**.

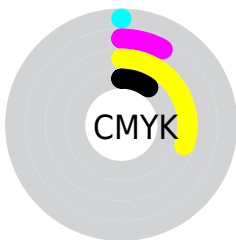
Distribution



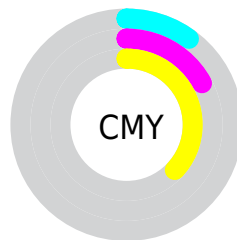
- Red (90%)
- Green (83%)
- Blue (63%)



- Red (73%)
- Yellow (90%)
- Blue (63%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 27.206, 91.739 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, 27.206, 91.739 by changing the saturation by 10% instead.

85, 27.206, 91.739

85, 27.206, 91.739

100, 27.206,
91.739

75, 27.206, 91.739

65, 27.206, 91.739

55, 27.206, 91.739

45, 27.206, 91.739

35, 27.206, 91.739

25, 27.206, 91.739

15, 27.206, 91.739

5, 27.206, 91.739

0, 27.206, 91.739

85, 27.206, 91.739

85, 27.206, 91.739

83, 36.438, 90.424

87, 18.022, 93.028

81, 45.599, 89.067

89, 8.939, 94.263

79, 54.477, 87.668

91, 0.014, 291.887

77, 62.695, 86.206

94, 8.828, 276.675

76, 69.644, 84.626

95, 7.575, 255.959

74, 74.507, 82.829

97, 7.099, 224.648

72, 76.940, 80.729

98, 8.510, 198.945

72, 76.941, 80.728

Harmonies

Complementary

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



85, 27.206, 91.739



74, 27.580, 279.994

Rectangle

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



85, 27.206, 91.739



85, 27.206, 141.739



85, 27.206, 271.739



85, 27.206, 321.739

Sweetspot

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



85, 27.207, 91.745



98, 8.743, 94.376



73, 28.341, 0.482



52, 6.083, 94.201



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, 27.207, 91.745



92, 35.606, 90.929



89, 35.838, 116.629



47, 5.067, 94.328



57, 63.711, 81.151



16, 22.981, 84.125

Inverse Universe

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



74, 27.580, 279.994



77, 36.254, 281.216



70, 38.301, 301.057



45, 5.095, 276.717



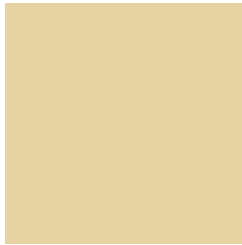
28, 81.394, 299.441



5, 27.160, 290.150

Previews

White Background



This preview shows how the CIELCh color 85, 27.206, 91.739 looks on a white background.

Color Contrast Check

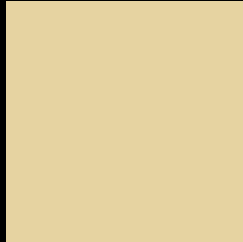
Large Text (above 18pt) WCAG AA × Fail

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, 27.206, 91.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

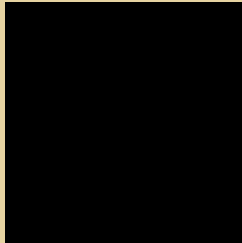
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 27.206, 91.739

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.206, 91.739.



This preview shows how white text looks on a background with the CIELCh color 85, 27.206, 91.739.

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, 27.206, 91.739

Protanopia

85, 27.268, 95.226

Deuteranopia

85, 28.368, 68.659



Tritanopia
85, 14.975, 346.508

Trichromacy



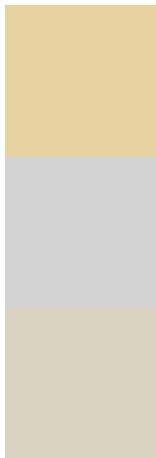
Original Color
85, 27.206, 91.739

Protanomaly
85, 27.363, 94.408

Deuteranomaly
85, 27.588, 77.521

Tritanomaly
85, 11.377, 41.617

Monochromacy



Original Color
85, 27.206, 91.739

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 9.783, 93.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.206, 91.739 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(230, 211, 161)` looks like.

```
.text, #text, p{  
    color:rgb(230, 211, 161)  
}
```

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(230, 211, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 211, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.206, 91.739 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(230, 211, 161) }
```

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

```
.border{ border-color:rgb(230, 211, 161) }
```

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

Here you see how a box with a 4 pixel rgb(230, 211, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 211, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 211, 161);  
box-shadow:4px 4px 4px 4px rgb(230, 211,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.206, 91.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 211, 161) }
```

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

```
.background{ background-color: rgb(230,  
211, 161) }
```

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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