

Converting Colors

CIELCh(86, 16.547, 84.951)

Have a look what the booklet for
CIELCh(86, 16.547, 84.951) contains.

CIELCh(86, 16.515, 85.529)	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(86, 16.515, 85.529)

Conversions

Conversions Part 1

Format	Color
Hex	E6D5B8
RGB	230, 213, 184
RGB Percent	90%, 84%, 72%
CMY	0.0974, 0.1641, 0.2778
CMYK	0.00, 0.07, 0.20, 0.10
HSL	38°, 48%, 81%
HSV	38°, 20%, 90%
XYZ	65.1890, 67.9871, 55.1205
YIQ	214.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

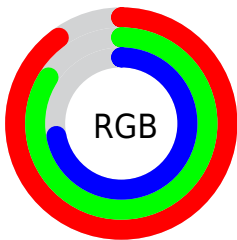
Format	Color
RYB	211, 230, 184
Decimal	15127992
CIELab	86.00, 1.29, 16.46
CIElCh	86, 16.515, 85.529
Yxy	67.9871, 0.3462, 0.3611
Android (android.graphics.Color)	4293318072 (0xFFE6D5B8)
YUV	214.7770, -15.1731, 13.3506
Hunter-Lab	82.4543, -3.1715, 18.0828

Details

The CIELCh color $86, 16.515, 85.529$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $81, 16.296, 271.043$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 7.593, 109.599$, and $66, 16.321, 84.742$ is the 20% darker color. If you saturate the color by 10%, you get $83, 25.100, 84.195$, and if you desaturate by 10%, it is $89, 8.142, 86.828$.

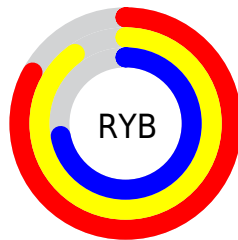
Distribution



Red (90%)

Green (84%)

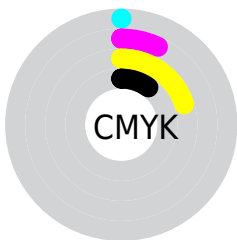
Blue (72%)



Red (83%)

Yellow (90%)

Blue (72%)

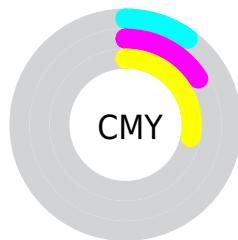


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 16.515, 85.529 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 86, 16.515, 85.529 by changing the saturation by 10% instead.

 86, 16.515, 85.529

 86, 16.515, 85.529

 100, 16.515,
85.529

 76, 16.515, 85.529

 66, 16.515, 85.529

 56, 16.515, 85.529

 46, 16.515, 85.529

 36, 16.515, 85.529

 26, 16.515, 85.529

 16, 16.515, 85.529

 6, 16.515, 85.529

 0, 16.515, 85.529

86, 16.515, 85.529

86, 16.515, 85.529

83, 25.100, 84.195

89, 8.142, 86.828

81, 33.865, 82.810

91, 0.019, 283.764

78, 42.733, 81.382

94, 7.973, 269.380

76, 51.541, 79.895

96, 6.976, 234.276

74, 59.967, 78.308

98, 8.466, 198.948

72, 67.438, 76.530

69, 73.085, 74.390

67, 76.408, 71.752

67, 76.412, 71.749

Harmonies

Complementary

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



86, 16.515, 85.529



81, 16.296, 271.043

Rectangle

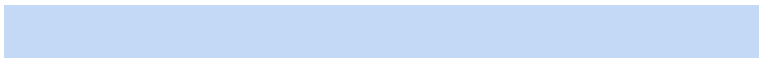
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 16.515, 85.529



86, 16.515, 135.529



86, 16.515, 265.529



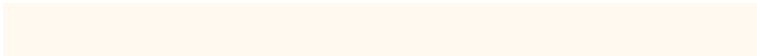
86, 16.515, 315.529

Sweetspot

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



86, 16.516, 85.538



98, 5.283, 87.309



79, 19.489, 352.398



52, 3.508, 87.231



0, 0.000, 0.000



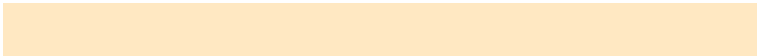
53, 0.007, 296.813

Same Dimension

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



86, 16.516, 85.538



93, 21.666, 84.987



90, 23.778, 113.171



47, 4.615, 86.894



53, 63.153, 72.324



14, 21.651, 74.822

Inverse Universe

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



81, 16.296, 271.043



86, 21.308, 271.764



77, 24.883, 296.582



45, 4.595, 269.423



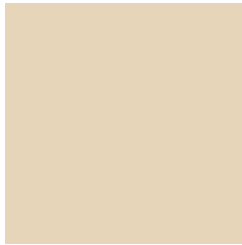
32, 70.339, 294.352



6, 24.324, 285.927

Previews

White Background



This preview shows how the CIELCh color 86, 16.515, 85.529 looks on a white background.

Color Contrast Check

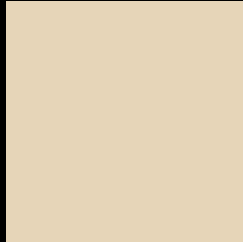
Large Text (above 18pt) WCAG AA × Fail

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 86, 16.515, 85.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

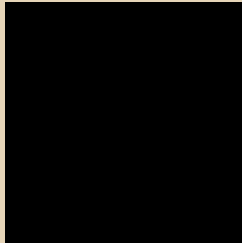
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 16.515, 85.529

Background



This preview shows how black text looks on a background with the CIELCh color 86, 16.515, 85.529.



This preview shows how white text looks on a background with the CIELCh color 86, 16.515, 85.529.

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

86, 16.515, 85.529

Protanopia

86, 16.206, 93.765

Deuteranopia

86, 19.463, 56.204



Tritanopia
86, 12.888, 339.835

Trichromacy



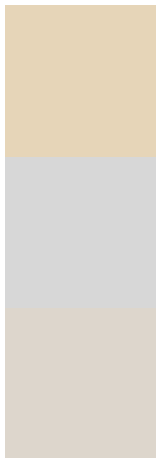
Original Color
86, 16.515, 85.529

Protanomaly
86, 16.068, 89.346

Deuteranomaly
86, 17.723, 64.735

Tritanomaly
86, 8.489, 19.969

Monochromacy



Original Color
86, 16.515, 85.529

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.815, 83.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 16.515, 85.529 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, 213, 184)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 184)  
}
```

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, 213, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 16.515, 85.529 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, 213, 184) }
```

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

```
.border{ border-color:rgb(230, 213, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 184);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 16.515, 85.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 184) }
```

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

```
.background{ background-color: rgb(230,  
213, 184) }
```

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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