

Converting Colors

CIELCh(86, 17.449, 92.048)

Have a look what the booklet for
CIELCh(86, 17.449, 92.048) contains.

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Color

CIELCh(86, 17.441, 92.053)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6B6
RGB	227, 214, 182
RGB Percent	89%, 84%, 71%
CMY	0.1088, 0.1597, 0.2853
CMYK	0.00, 0.06, 0.20, 0.11
HSL	43°, 45%, 80%
HSV	43°, 20%, 89%
XYZ	64.3446, 67.9871, 54.1254
YIQ	214.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

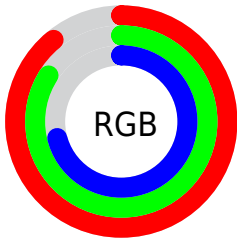
Format	Color
R _Y B	200, 227, 182
Decimal	14931638
CIE Lab	86.00, -0.62, 17.43
CIE LCh	86, 17.441, 92.053
Yxy	67.9871, 0.3451, 0.3646
Android (android.graphics.Color)	4293121718 (0xFFE3D6B6)
YUV	214.2390, -15.8938, 11.1914
Hunter-Lab	82.4543, -4.9995, 18.7983

Details

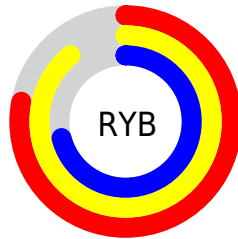
The CIELCh color $86, 17.441, 92.053$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $79, 17.541, 277.284$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.605, 109.524$, and $66, 17.270, 91.741$ is the 20% darker color. If you saturate the color by 10%, you get $84, 26.440, 90.767$, and if you desaturate by 10%, it is $88, 8.562, 93.305$.

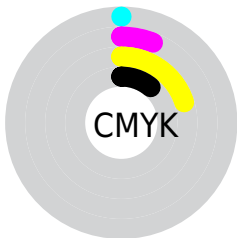
Distribution



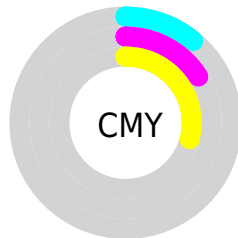
- Red (89%)
- Green (84%)
- Blue (71%)



- Red (78%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 17.441, 92.053 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, 17.441, 92.053 by changing the saturation by 10% instead.

86, 17.441, 92.053

86, 17.441, 92.053

100, 17.441,
92.053

76, 17.441, 92.053

66, 17.441, 92.053

56, 17.441, 92.053

46, 17.441, 92.053

36, 17.441, 92.053

26, 17.441, 92.053

16, 17.441, 92.053

6, 17.441, 92.053

0, 17.441, 92.053

86, 17.441, 92.053

86, 17.441, 92.053

84, 26.440, 90.767

88, 8.562, 93.305

82, 35.503, 89.434

90, 0.179, 275.843

80, 44.525, 88.063

93, 8.774, 275.738

78, 53.303, 86.647

94, 8.618, 259.286

76, 61.477, 85.160

96, 7.782, 230.599

74, 68.455, 83.546

98, 8.978, 203.337

73, 73.422, 81.695

98, 9.426, 198.880

71, 75.985, 79.511

71, 76.030, 79.468

Harmonies

Complementary

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



86, 17.441, 92.053



79, 17.541, 277.284

Rectangle

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



86, 17.441, 92.053



86, 17.441, 142.053



86, 17.441, 272.053



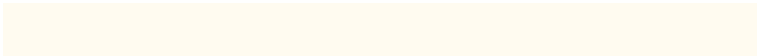
86, 17.441, 322.053

Sweetspot

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



86, 17.442, 92.061



99, 5.730, 93.750



78, 18.339, 357.969



52, 3.803, 93.675



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, 17.442, 92.061



94, 23.283, 91.504



89, 23.504, 116.637



47, 4.997, 93.347



57, 63.522, 79.896



15, 22.754, 82.866

Inverse Universe

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



79, 17.541, 277.284



85, 23.445, 278.007



76, 24.527, 299.526



45, 5.019, 275.759



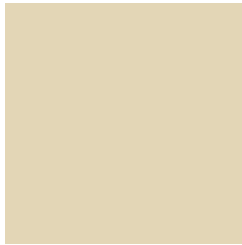
29, 79.855, 298.812



5, 26.784, 289.651

Previews

White Background



This preview shows how the CIELCh color 86, 17.441, 92.053 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, 17.441, 92.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

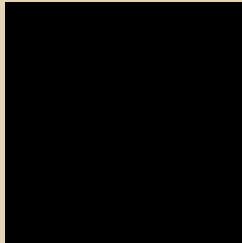
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

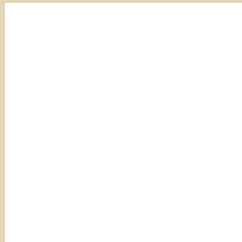
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 17.441, 92.053

Background



This preview shows how black text looks on a background with the CIELCh color 86, 17.441, 92.053.

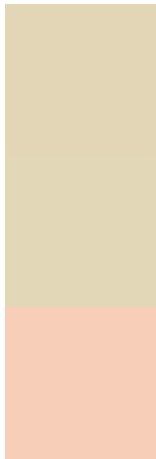


This preview shows how white text looks on a background with the CIELCh color 86, 17.441, 92.053.

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, 17.441, 92.053

Protanopia

86, 17.724, 94.881

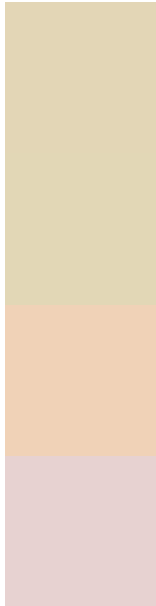
Deuteranopia

86, 19.805, 57.335



Tritanopia
86, 12.705, 335.829

Trichromacy



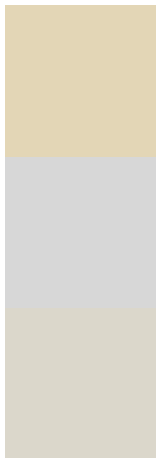
Original Color
86, 17.441, 92.053

Protanomaly
86, 17.724, 94.881

Deuteranomaly
86, 18.380, 69.645

Tritanomaly
86, 7.769, 23.752

Monochromacy



Original Color
86, 17.441, 92.053

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.430, 96.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 17.441, 92.053 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(227, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 182)  
}
```

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(227, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 17.441, 92.053 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(227, 214, 182) }
```

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

```
.border{ border-color:rgb(227, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 17.441, 92.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 182) }
```

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

```
.background{ background-color: rgb(227,  
214, 182) }
```

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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