

Converting Colors

CIELCh(88, 14.066, 95.565)

Have a look what the booklet for
CIELCh(88, 14.066, 95.565) contains.

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Color

CIELCh(88, 14.337, 96.825)

Conversions

Conversions Part 1

Format	Color
Hex	E5DDC2
RGB	229, 221, 194
RGB Percent	90%, 87%, 76%
CMY	0.1030, 0.1344, 0.2403
CMYK	0.00, 0.03, 0.15, 0.10
HSL	46°, 40%, 83%
HSV	46°, 15%, 90%
XYZ	67.7178, 72.0653, 61.2228
YIQ	220.3140, 13.4350, -6.7010

Conversions

Conversions Part 2

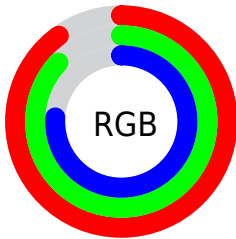
Format	Color
R_{YB}	204, 229, 194
Decimal	15064514
CIE Lab	88.00, -1.70, 14.24
CIE LCh	88, 14.337, 96.825
Yxy	72.0653, 0.3369, 0.3585
Android (android.graphics.Color)	4293254594 (0xFFE5DDC2)
YUV	220.3140, -12.9728, 7.6176
Hunter-Lab	84.8913, -6.1701, 16.6645

Details

The CIELCh color **88, 14.337, 96.825** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **81, 14.532, 280.621**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **68, 14.506, 97.474** is the 20% darker color. If you saturate the color by 10%, you get **86, 23.818, 95.617**, and if you desaturate by 10%, it is **90, 4.933, 97.993**.

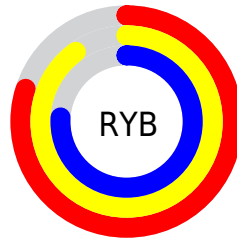
Distribution



Red (90%)

Green (87%)

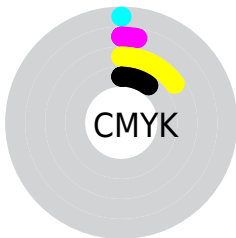
Blue (76%)



Red (80%)

Yellow (90%)

Blue (76%)

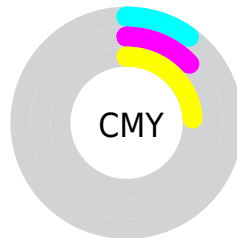


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 14.337, 96.825 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 88, 14.337, 96.825 by changing the saturation by 10% instead.

 88, 14.337, 96.825

 88, 14.337, 96.825

 100, 14.337,
96.825

 78, 14.337, 96.825

 68, 14.337, 96.825

 58, 14.337, 96.825

 48, 14.337, 96.825

 38, 14.337, 96.825

 28, 14.337, 96.825

 18, 14.337, 96.825

 8, 14.337, 96.825

 0, 14.337, 96.825

88, 14.337, 96.825

88, 14.337, 96.825

86, 23.818, 95.617

90, 4.933, 97.993

84, 33.318, 94.366

92, 4.372, 279.219

83, 42.739, 93.087

93, 9.886, 275.628

81, 51.901, 91.784

95, 8.074, 257.794

80, 60.491, 90.452

96, 7.372, 233.711

78, 68.001, 89.070

97, 8.055, 209.693

77, 73.710, 87.590

98, 8.944, 198.914

75, 76.879, 85.924

75, 77.703, 85.084

Harmonies

Complementary

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



88, 14.337, 96.825



81, 14.532, 280.621

Rectangle

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



88, 14.337, 96.825



88, 14.337, 146.825



88, 14.337, 276.825



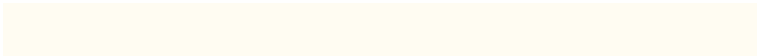
88, 14.337, 326.825

Sweetspot

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



88, 14.339, 96.834



99, 5.083, 98.022



81, 13.732, 2.230



53, 3.471, 97.945



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 14.339, 96.834



96, 18.452, 96.496



89, 18.433, 119.614



47, 5.320, 97.522



60, 64.639, 85.416



16, 23.850, 88.269

Inverse Universe

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



81, 14.532, 280.621



88, 18.745, 281.033



80, 19.007, 301.551



45, 5.370, 279.824



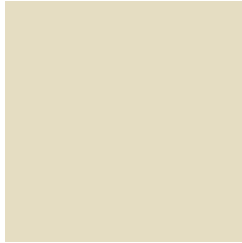
26, 86.496, 301.376



4, 28.381, 291.659

Previews

White Background



This preview shows how the CIELCh color 88, 14.337, 96.825 looks on a white background.

Color Contrast Check

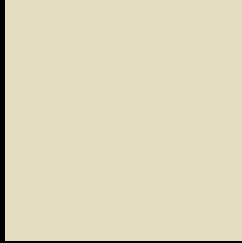
Large Text (above 18pt) WCAG AA × Fail

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 88, 14.337, 96.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

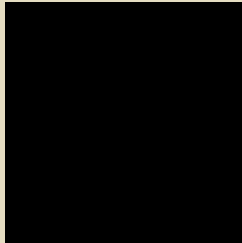
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

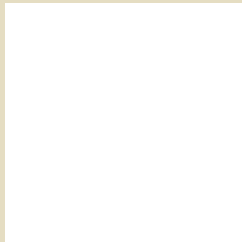
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 14.337, 96.825

Background



This preview shows how black text looks on a background with the CIELCh color 88, 14.337, 96.825.

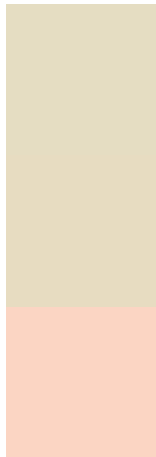


This preview shows how white text looks on a background with the CIELCh color 88, 14.337, 96.825.

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

88, 14.337, 96.825

Protanopia

88, 14.632, 92.434

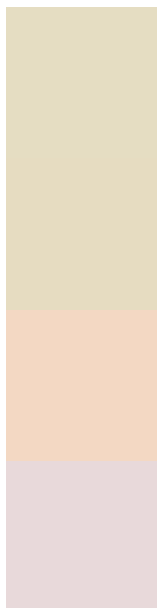
Deuteranopia

88, 17.395, 52.588



Tritanopia
88, 11.214, 327.876

Trichromacy



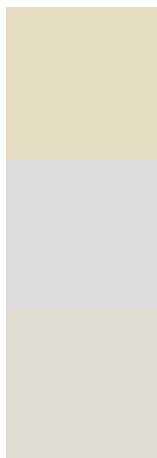
Original Color
88, 14.337, 96.825

Protanomaly
88, 14.527, 93.877

Deuteranomaly
88, 15.054, 66.116

Tritanomaly
88, 5.486, 14.260

Monochromacy



Original Color
88, 14.337, 96.825

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.307, 97.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 14.337, 96.825 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, 221, 194)` looks like.

```
.text, #text, p{  
    color:rgb(229, 221, 194)  
}
```

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, 221, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 221, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 14.337, 96.825 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, 221, 194) }
```

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

```
.border{ border-color:rgb(229, 221, 194) }
```

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

Here you see how a box with a 4 pixel rgb(229, 221, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 221, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 221, 194);  
box-shadow:4px 4px 4px 4px rgb(229, 221,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 14.337, 96.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 221, 194) }
```

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

```
.background{ background-color: rgb(229,  
221, 194) }
```

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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