

Converting Colors

CIELCh(83, 14.618, 65.763)

Have a look what the booklet for
CIELCh(83, 14.618, 65.763) contains.

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Color

CIELCh(83, 14.603, 65.772)

Conversions

Conversions Part 1

Format	Color
Hex	E4CAB6
RGB	228, 202, 182
RGB Percent	89%, 79%, 71%
CMY	0.1056, 0.2075, 0.2860
CMYK	0.00, 0.11, 0.20, 0.11
HSL	26°, 46%, 80%
HSV	26°, 20%, 89%
XYZ	61.6083, 62.1629, 53.0469
YIQ	207.4940, 21.9160, -0.7080

Conversions

Conversions Part 2

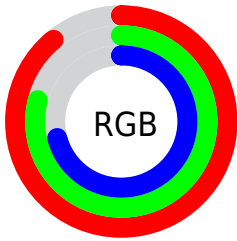
Format	Color
R _Y B	228, 217, 182
Decimal	14994102
CIE Lab	83.00, 5.99, 13.32
CIE LCh	83, 14.603, 65.772
Yxy	62.1629, 0.3484, 0.3516
Android (android.graphics.Color)	4293184182 (0xFFE4CAB6)
YUV	207.4940, -12.5685, 17.9838
Hunter-Lab	78.8435, 1.5039, 15.2994

Details

The CIELCh color $83, 14.603, 65.772$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $82, 13.538, 250.779$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.605, 109.524$, and $63, 14.606, 66.080$ is the 20% darker color. If you saturate the color by 10%, you get $79, 22.499, 64.691$, and if you desaturate by 10%, it is $87, 7.152, 66.862$.

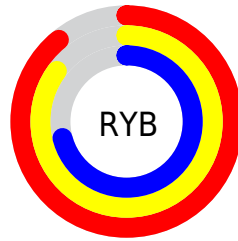
Distribution



Red (89%)

Green (79%)

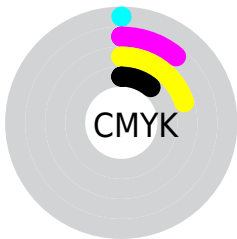
Blue (71%)



Red (89%)

Yellow (85%)

Blue (71%)

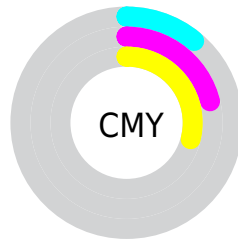


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 14.603, 65.772 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 83, 14.603, 65.772 by changing the saturation by 10% instead.

 83, 14.603, 65.772

 83, 14.603, 65.772

 100, 14.603,
65.772

 73, 14.603, 65.772

 63, 14.603, 65.772

 53, 14.603, 65.772

 43, 14.603, 65.772

 33, 14.603, 65.772

 23, 14.603, 65.772

 13, 14.603, 65.772

 3, 14.603, 65.772

 0, 14.603, 65.772

83, 14.603, 65.772

83, 14.603, 65.772

79, 22.499, 64.691

87, 7.152, 66.862

76, 30.862, 63.612

91, 0.110, 63.824

72, 39.685, 62.552

94, 6.566, 249.207

69, 48.892, 61.499

98, 8.707, 203.533

66, 58.280, 60.400

98, 9.158, 198.899

63, 67.381, 59.122

60, 75.287, 57.379

58, 81.081, 55.002

Harmonies

Complementary

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



83, 14.603, 65.772



82, 13.538, 250.779

Rectangle

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



83, 14.603, 65.772



83, 14.603, 115.772



83, 14.603, 245.772



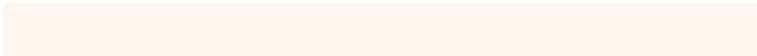
83, 14.603, 295.772

Sweetspot

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



83, 14.603, 65.783



97, 4.563, 67.277



79, 21.846, 341.870



52, 3.033, 67.215



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 14.603, 65.783



90, 19.246, 65.348



89, 22.218, 105.290



46, 4.006, 66.937



46, 67.186, 55.652



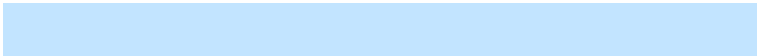
11, 21.072, 53.570

Inverse Universe

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



82, 13.538, 250.779



89, 17.544, 251.435



76, 23.130, 289.761



46, 3.879, 249.263



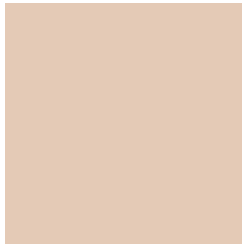
42, 48.297, 276.763



10, 17.719, 267.526

Previews

White Background



This preview shows how the CIELCh color 83, 14.603, 65.772 looks on a white background.

Color Contrast Check

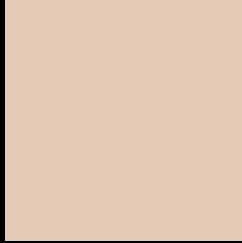
Large Text (above 18pt) WCAG AA × Fail

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 83, 14.603, 65.772 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 83, 14.603, 65.772

Background



This preview shows how black text looks on a background with the CIELCh color 83, 14.603, 65.772.



This preview shows how white text looks on a background with the CIELCh color 83, 14.603, 65.772.

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

83, 14.603, 65.772

Protanopia

83, 12.181, 90.899

Deuteranopia

83, 16.720, 50.354



Tritanopia
83, 14.767, 348.251

Trichromacy



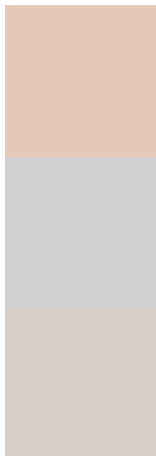
Original Color
83, 14.603, 65.772

Protanomaly
83, 12.932, 82.743

Deuteranomaly
83, 15.667, 54.786

Tritanomaly
83, 12.054, 12.811

Monochromacy



Original Color
83, 14.603, 65.772

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.954, 67.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 14.603, 65.772 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(228, 202, 182)` looks like.

```
.text, #text, p{  
    color:rgb(228, 202, 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(228, 202, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 202, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 14.603, 65.772 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(228, 202, 182) }
```

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

```
.border{ border-color:rgb(228, 202, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 202, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 202, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 202, 182);  
box-shadow:4px 4px 4px 4px rgb(228, 202,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 14.603, 65.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 202, 182) }
```

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

```
.background{ background-color: rgb(228,  
202, 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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