

Converting Colors

CIELCh(84, 11.321, 43.822)

Have a look what the booklet for
CIELCh(84, 11.321, 43.822) contains.

CIELCh(84, 11.273, 44.737)	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(84, 11.273, 44.737)

Conversions

Conversions Part 1

Format	Color
Hex	E7CCC3
RGB	231, 204, 195
RGB Percent	91%, 80%, 76%
CMY	0.0944, 0.2003, 0.2356
CMYK	0.00, 0.12, 0.16, 0.09
HSL	15°, 43%, 84%
HSV	15°, 16%, 91%
XYZ	64.3498, 64.0658, 60.5625
YIQ	211.0470, 18.9810, 2.9250

Conversions

Conversions Part 2

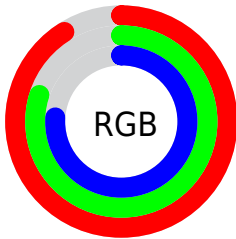
Format	Color
R _Y B	231, 207, 195
Decimal	15191235
CIE Lab	84.00, 8.01, 7.93
CIE LCh	84, 11.273, 44.737
Yxy	64.0658, 0.3405, 0.3390
Android (android.graphics.Color)	4293381315 (0xFFE7CCC3)
YUV	211.0470, -7.9112, 17.4988
Hunter-Lab	80.0411, 3.4349, 11.1675

Details

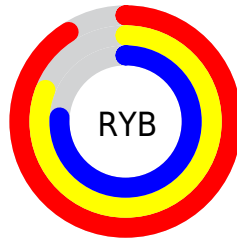
The CIELCh color **84, 11.273, 44.737** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 10.243, 226.395**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **64, 11.311, 46.287** is the 20% darker color. If you saturate the color by 10%, you get **79, 19.273, 44.479**, and if you desaturate by 10%, it is **89, 3.882, 45.037**.

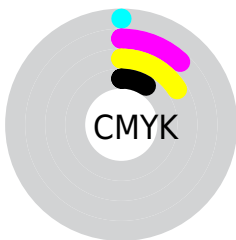
Distribution



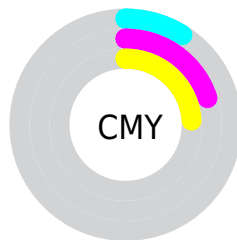
- Red (91%)
- Green (80%)
- Blue (76%)



- Red (91%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 11.273, 44.737 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 84, 11.273, 44.737 by changing the saturation by 10% instead.

 84, 11.273, 44.737

 84, 11.273, 44.737

 100, 11.273,
44.737

 74, 11.273, 44.737

 64, 11.273, 44.737

 54, 11.273, 44.737

 44, 11.273, 44.737

 34, 11.273, 44.737

 24, 11.273, 44.737

 14, 11.273, 44.737

 4, 11.273, 44.737

 0, 11.273, 44.737

84, 11.273, 44.737

84, 11.273, 44.737

79, 19.273, 44.479

89, 3.882, 45.037

75, 27.930, 44.315

94, 2.956, 225.841

70, 37.269, 44.297

98, 8.213, 198.967

66, 47.264, 44.449

62, 57.803, 44.770

58, 68.589, 45.194

55, 78.932, 45.490

53, 87.385, 45.111

52, 90.456, 44.844

Harmonies

Complementary

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



84, 11.273, 44.737



87, 10.243, 226.395

Rectangle

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



84, 11.273, 44.737



84, 11.273, 94.737



84, 11.273, 224.737



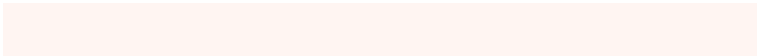
84, 11.273, 274.737

Sweetspot

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



84, 11.272, 44.751



97, 3.756, 45.044



83, 19.317, 333.353



52, 2.570, 45.035



0, 0.000, 0.000



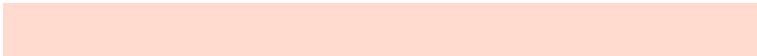
53, 0.007, 296.813

Same Dimension

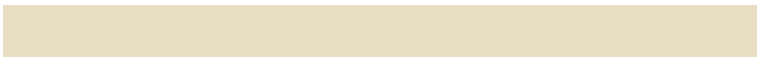
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 11.272, 44.751



90, 15.104, 44.646



89, 14.408, 95.355



46, 3.987, 44.942



40, 74.153, 45.327



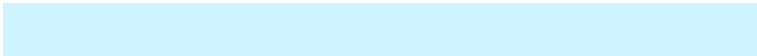
9, 22.935, 36.703

Inverse Universe

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



87, 10.243, 226.395



94, 13.402, 226.654



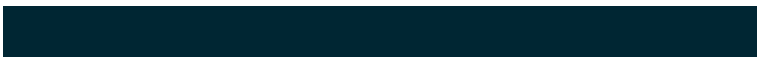
82, 14.562, 279.285



47, 3.771, 226.022



52, 34.988, 246.143



13, 14.196, 237.973

Previews

White Background



This preview shows how the CIELCh color 84, 11.273, 44.737 looks on a white background.

Color Contrast Check

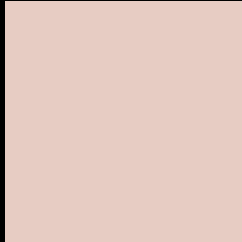
Large Text (above 18pt) WCAG AA × Fail

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 84, 11.273, 44.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

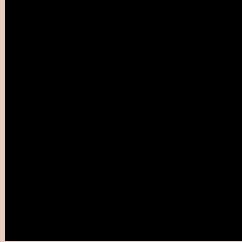
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 11.273, 44.737

Background



This preview shows how black text looks on a background with the CIELCh color 84, 11.273, 44.737.

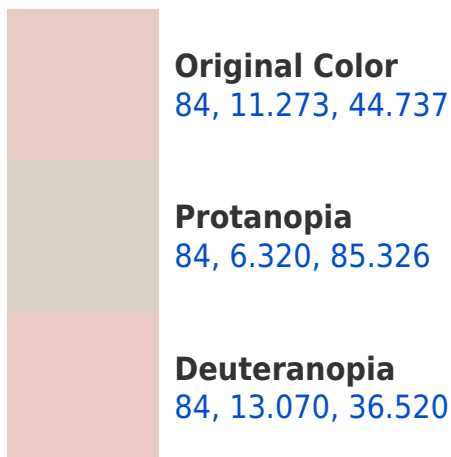


This preview shows how white text looks on a background with the CIELCh color 84, 11.273, 44.737.

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](#).

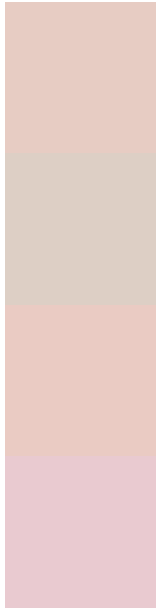
Dichromacy





Tritanopia
84, 14.418, 347.409

Trichromacy



Original Color
84, 11.273, 44.737

Protanomaly
84, 7.408, 64.682

Deuteranomaly
84, 12.504, 39.726

Tritanomaly
84, 11.901, 4.984

Monochromacy



Original Color
84, 11.273, 44.737

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 3.990, 42.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 11.273, 44.737 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(231, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(231, 204, 195)  
}
```

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(231, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 204, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 11.273, 44.737 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(231, 204, 195) }
```

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

```
.border{ border-color:rgb(231, 204, 195) }
```

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

Here you see how a box with a 4 pixel rgb(231, 204, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(231, 204,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 11.273, 44.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 204, 195) }
```

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

```
.background{ background-color: rgb(231,  
204, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor