

Converting Colors

CIELCh(84, 15.731, 47.944)

Have a look what the booklet for
CIELCh(84, 15.731, 47.944) contains.

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Color

CIELCh(84, 15.749, 47.940)

Conversions

Conversions Part 1

Format	Color
Hex	EECABC
RGB	238, 202, 188
RGB Percent	93%, 79%, 74%
CMY	0.0666, 0.2077, 0.2626
CMYK	0.00, 0.15, 0.21, 0.07
HSL	17°, 60%, 84%
HSV	17°, 21%, 93%
XYZ	65.4743, 64.0658, 56.5052
YIQ	211.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

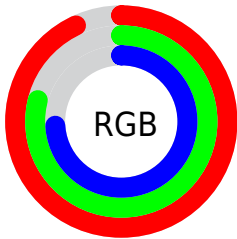
Format	Color
R _Y B	238, 207, 188
Decimal	15649468
CIE Lab	84.00, 10.55, 11.69
CIE LCh	84, 15.749, 47.940
Yxy	64.0658, 0.3519, 0.3444
Android (android.graphics.Color)	4293839548 (0xFFEECABC)
YUV	211.1680, -11.4218, 23.5317
Hunter-Lab	80.0411, 5.9426, 14.1729

Details

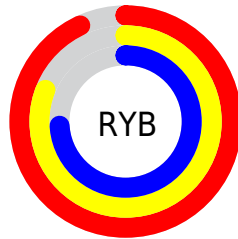
The CIELCh color **84, 15.749, 47.940** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 13.871, 230.788**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **64, 15.859, 47.381** is the 20% darker color. If you saturate the color by 10%, you get **79, 24.194, 47.561**, and if you desaturate by 10%, it is **89, 7.933, 48.407**.

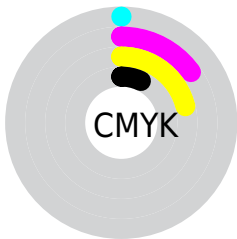
Distribution



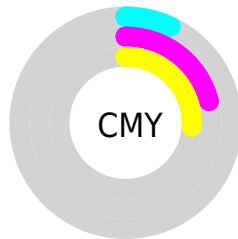
- Red (93%)
- Green (79%)
- Blue (74%)



- Red (93%)
- Yellow (81%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 15.749, 47.940 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, 15.749, 47.940 by changing the saturation by 10% instead.

 84, 15.749, 47.940

 84, 15.749, 47.940

 100, 15.749,
47.940

 74, 15.749, 47.940

 64, 15.749, 47.940

 54, 15.749, 47.940

 44, 15.749, 47.940

 34, 15.749, 47.940

 24, 15.749, 47.940

 14, 15.749, 47.940

 4, 15.749, 47.940

 0, 15.749, 47.940

84, 15.749, 47.940

84, 15.749, 47.940

79, 24.194, 47.561

89, 7.933, 48.407

75, 33.309, 47.281

94, 0.695, 48.196

71, 43.099, 47.136

98, 5.339, 207.793

66, 53.501, 47.133

99, 5.831, 199.150

63, 64.316, 47.236

59, 75.057, 47.299

56, 84.646, 46.947

54, 91.230, 46.005

Harmonies

Complementary

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



84, 15.749, 47.940



87, 13.871, 230.788

Rectangle

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



84, 15.749, 47.940



84, 15.749, 97.940



84, 15.749, 227.940



84, 15.749, 277.940

Sweetspot

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



84, 15.748, 47.950



97, 4.485, 48.615



82, 26.427, 334.397



51, 2.982, 48.592



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, 15.748, 47.950



87, 20.144, 47.780



90, 20.294, 95.812



48, 4.094, 48.476



42, 74.641, 46.521



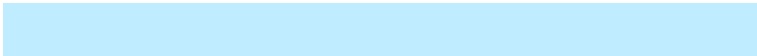
11, 25.084, 40.579

Inverse Universe

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



87, 13.871, 230.788



91, 17.255, 231.220



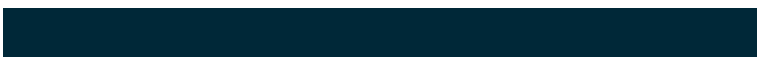
81, 20.650, 281.180



48, 3.882, 229.820



52, 37.129, 252.286



15, 15.458, 244.386

Previews

White Background



This preview shows how the CIELCh color 84, 15.749, 47.940 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, 15.749, 47.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

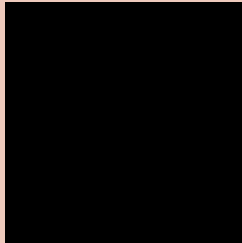
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 15.749, 47.940

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.749, 47.940.

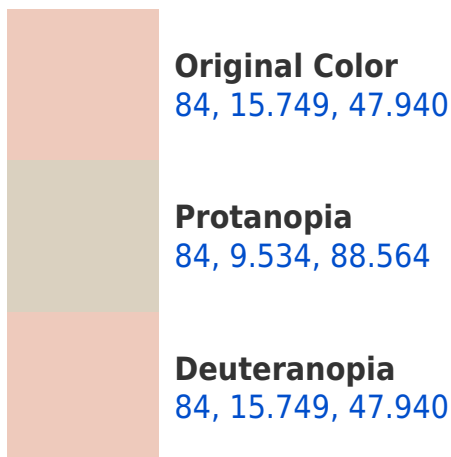



This preview shows how white text looks on a background with the CIELCh color 84, 15.749, 47.940.

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, 17.895, 352.888

Trichromacy



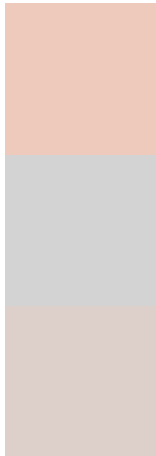
Original Color
84, 15.749, 47.940

Protanomaly
84, 10.688, 67.051

Deuteranomaly
84, 15.749, 47.940

Tritanomaly
84, 15.625, 9.038

Monochromacy



Original Color
84, 15.749, 47.940

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 5.468, 48.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.749, 47.940 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(238, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(238, 202, 188)  
}
```

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(238, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 202, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.749, 47.940 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(238, 202, 188) }
```

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

```
.border{ border-color:rgb(238, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(238, 202,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.749, 47.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 202, 188) }
```

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

```
.background{ background-color: rgb(238,  
202, 188) }
```

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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