

Converting Colors

CIELCh(84, 15.223, 58.699)

Have a look what the booklet for
CIELCh(84, 15.223, 58.699) contains.

CIELCh(84, 15.344, 60.336)	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, 15.344, 60.336)

Conversions

Conversions Part 1

Format	Color
Hex	EACCB9
RGB	234, 204, 185
RGB Percent	92%, 80%, 73%
CMY	0.0830, 0.2006, 0.2751
CMYK	0.00, 0.13, 0.21, 0.08
HSL	23°, 54%, 82%
HSV	23°, 21%, 92%
XYZ	64.1680, 64.0658, 54.7927
YIQ	210.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

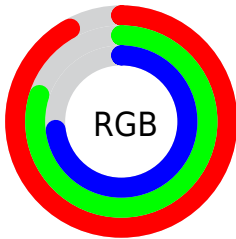
Format	Color
R _Y B	234, 216, 185
Decimal	15387833
CIE Lab	84.00, 7.59, 13.33
CIE LCh	84, 15.344, 60.336
Yxy	64.0658, 0.3506, 0.3500
Android (android.graphics.Color)	4293577913 (0xFFEACCB9)
YUV	210.8040, -12.7214, 20.3429
Hunter-Lab	80.0411, 3.0295, 15.4414

Details

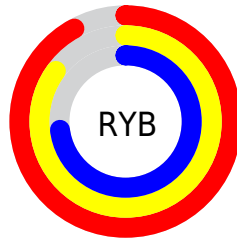
The CIELCh color $84, 15.344, 60.336$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84, 13.946, 245.018$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 7.086, 109.637$, and $64, 15.394, 60.323$ is the 20% darker color. If you saturate the color by 10%, you get $80, 23.439, 59.425$, and if you desaturate by 10%, it is $88, 7.761, 61.280$.

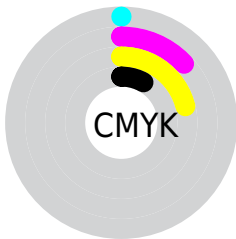
Distribution



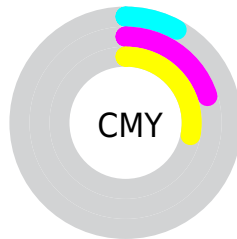
- Red (92%)
- Green (80%)
- Blue (73%)



- Red (92%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 15.344, 60.336 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, 15.344, 60.336 by changing the saturation by 10% instead.

 84, 15.344, 60.336

 84, 15.344, 60.336

 100, 15.344,
60.336

 74, 15.344, 60.336

 64, 15.344, 60.336

 54, 15.344, 60.336

 44, 15.344, 60.336

 34, 15.344, 60.336

 24, 15.344, 60.336

 14, 15.344, 60.336

 4, 15.344, 60.336

 0, 15.344, 60.336

84, 15.344, 60.336

84, 15.344, 60.336

80, 23.439, 59.425

88, 7.761, 61.280

76, 32.078, 58.543

92, 0.647, 61.544

72, 41.257, 57.710

96, 6.046, 243.403

69, 50.908, 56.917

99, 7.244, 199.038

65, 60.823, 56.111

62, 70.511, 55.144

59, 78.979, 53.690

57, 84.804, 51.766

Harmonies

Complementary

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



84, 15.344, 60.336



84, 13.946, 245.018

Rectangle

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



84, 15.344, 60.336



84, 15.344, 110.336



84, 15.344, 240.336



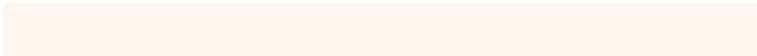
84, 15.344, 290.336

Sweetspot

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



84, 15.344, 60.347



97, 4.489, 61.708



80, 23.961, 339.484



52, 2.984, 61.655



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, 15.344, 60.347



89, 19.917, 59.959



90, 22.408, 102.723



47, 4.017, 61.415



45, 69.634, 52.404



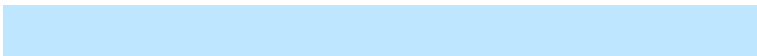
11, 22.642, 49.346

Inverse Universe

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



84, 13.946, 245.018



89, 17.719, 245.664



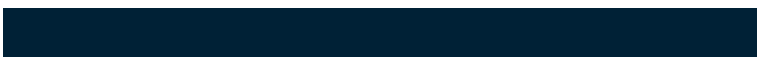
78, 23.225, 287.586



47, 3.862, 243.525



45, 44.414, 270.554



12, 17.076, 261.619

Previews

White Background



This preview shows how the CIELCh color 84, 15.344, 60.336 looks on a white background.

Color Contrast Check

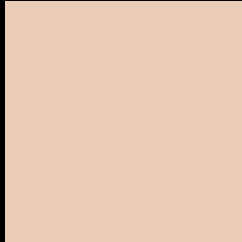
Large Text (above 18pt) WCAG AA × Fail

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, 15.344, 60.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

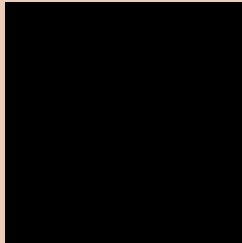
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 15.344, 60.336

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.344, 60.336.

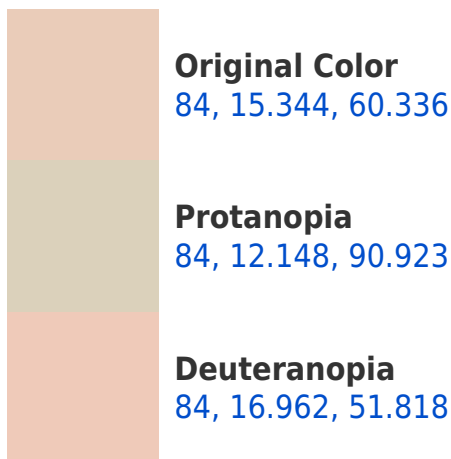



This preview shows how white text looks on a background with the CIELCh color 84, 15.344, 60.336.

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, 16.586, 350.309

Trichromacy



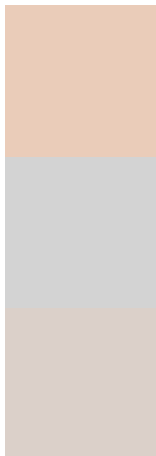
Original Color
84, 15.344, 60.336

Protanomaly
84, 12.811, 78.707

Deuteranomaly
84, 16.267, 55.458

Tritanomaly
84, 13.163, 13.550

Monochromacy



Original Color
84, 15.344, 60.336

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 5.475, 61.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.344, 60.336 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(234, 204, 185)` looks like.

```
.text, #text, p{  
    color:rgb(234, 204, 185)  
}
```

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(234, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 204, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.344, 60.336 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(234, 204, 185) }
```

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

```
.border{ border-color:rgb(234, 204, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 204, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(234, 204,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.344, 60.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 204, 185) }
```

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

```
.background{ background-color: rgb(234,  
204, 185) }
```

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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