

Converting Colors

CIELCh(84, 14.691, 68.216)

Have a look what the booklet for
CIELCh(84, 14.691, 68.216) contains.

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Color

CIELCh(84, 14.691, 68.216)

Conversions

Conversions Part 1

Format	Color
Hex	E6CDB8
RGB	230, 205, 184
RGB Percent	90%, 80%, 72%
CMY	0.0973, 0.1954, 0.2778
CMYK	0.00, 0.11, 0.20, 0.10
HSL	27°, 48%, 81%
HSV	27°, 20%, 90%
XYZ	63.2325, 64.0658, 54.4742
YIQ	210.0810, 21.6410, -1.2310

Conversions

Conversions Part 2

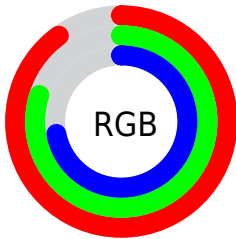
Format	Color
RYB	230, 223, 184
Decimal	15125944
CIELab	84.00, 5.45, 13.64
CIELCh	84, 14.691, 68.216
Yxy	64.0658, 0.3479, 0.3525
Android (android.graphics.Color)	4293316024 (0xFFE6CDB8)
YUV	210.0810, -12.8579, 17.4690
Hunter-Lab	80.0411, 0.9433, 15.6773

Details

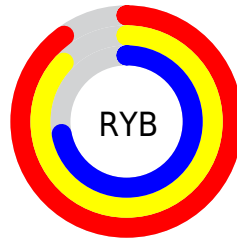
The CIELCh color $84, 14.691, 68.216$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83, 13.731, 253.358$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 7.593, 109.599$, and $64, 14.689, 68.662$ is the 20% darker color. If you saturate the color by 10%, you get $80, 22.661, 67.071$, and if you desaturate by 10%, it is $88, 7.143, 69.361$.

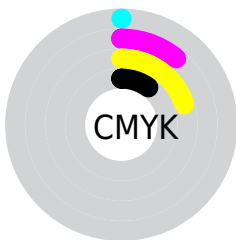
Distribution



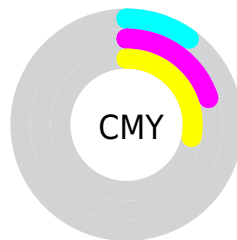
- Red (90%)
- Green (80%)
- Blue (72%)



- Red (90%)
- Yellow (87%)
- Blue (72%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.691, 68.216 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, 14.691, 68.216 by changing the saturation by 10% instead.

 84, 14.691, 68.216

 84, 14.691, 68.216

 100, 14.691,
68.216

 74, 14.691, 68.216

 64, 14.691, 68.216

 54, 14.691, 68.216

 44, 14.691, 68.216

 34, 14.691, 68.216

 24, 14.691, 68.216

 14, 14.691, 68.216

 4, 14.691, 68.216

 0, 14.691, 68.216

84, 14.691, 68.216

84, 14.691, 68.216

80, 22.661, 67.071

88, 7.143, 69.361

77, 31.071, 65.918

91, 0.018, 276.147

74, 39.908, 64.772

95, 6.825, 251.783

70, 49.091, 63.618

98, 8.462, 198.949

67, 58.405, 62.406

64, 67.374, 61.003

61, 75.093, 59.135

59, 80.740, 56.586

59, 80.747, 56.583

Harmonies

Complementary

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



84, 14.691, 68.216



83, 13.731, 253.358

Rectangle

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



84, 14.691, 68.216



84, 14.691, 118.216



84, 14.691, 248.216



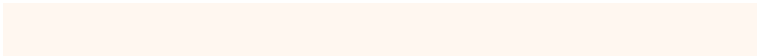
84, 14.691, 298.216

Sweetspot

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



84, 14.691, 68.227



98, 4.612, 69.778



80, 21.567, 342.711



52, 3.065, 69.712



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, 14.691, 68.227



90, 19.389, 67.748



90, 22.549, 106.078



46, 4.046, 69.419



46, 66.466, 57.261



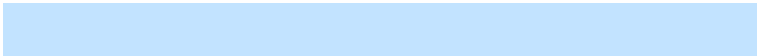
11, 20.986, 55.885

Inverse Universe

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



83, 13.731, 253.358



89, 17.836, 254.059



77, 23.506, 290.450



46, 3.932, 251.822



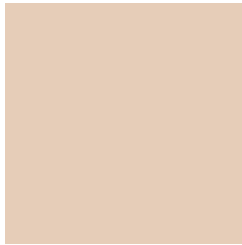
41, 50.489, 279.340



9, 18.370, 270.267

Previews

White Background



This preview shows how the CIE LCh color 84, 14.691, 68.216 looks on a white background.

Color Contrast Check

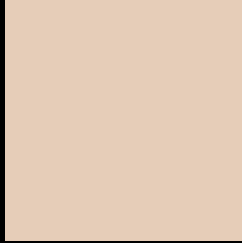
Large Text (above 18pt) WCAG AA × Fail

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, 14.691, 68.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

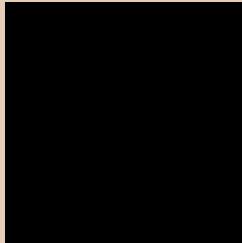
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 14.691, 68.216

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.691, 68.216.



This preview shows how white text looks on a background with the CIELCh color 84, 14.691, 68.216.

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

84, 14.691, 68.216

Protanopia

84, 12.649, 91.594

Deuteranopia

84, 16.962, 51.818



Tritanopia
84, 14.418, 347.409

Trichromacy



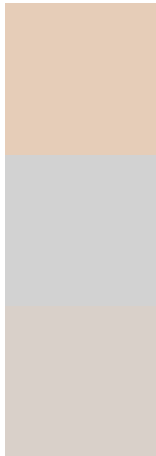
Original Color
84, 14.691, 68.216

Protanomaly
84, 13.372, 83.689

Deuteranomaly
84, 15.945, 56.266

Tritanomaly
84, 11.197, 17.540

Monochromacy



Original Color
84, 14.691, 68.216

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.945, 67.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.691, 68.216 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(230, 205, 184)` looks like.

```
.text, #text, p{  
    color:rgb(230, 205, 184)  
}
```

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(230, 205, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 205, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.691, 68.216 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(230, 205, 184) }
```

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

```
.border{ border-color:rgb(230, 205, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 205, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 205, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 205, 184);  
box-shadow:4px 4px 4px 4px rgb(230, 205,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.691, 68.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 205, 184) }
```

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

```
.background{ background-color: rgb(230,  
205, 184) }
```

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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