

Converting Colors

CIELCh(85, 15.692, 28.474)

Have a look what the booklet for
CIELCh(85, 15.692, 28.474) contains.

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Color

CIELCh(85, 15.690, 28.151)

Conversions

Conversions Part 1

Format	Color
Hex	F4CBC7
RGB	244, 203, 199
RGB Percent	96%, 80%, 78%
CMY	0.0435, 0.2042, 0.2199
CMYK	0.00, 0.17, 0.18, 0.04
HSL	5°, 67%, 87%
HSV	5°, 18%, 96%
XYZ	68.9106, 66.0070, 63.0890
YIQ	214.8030, 25.7200, 7.4480

Conversions

Conversions Part 2

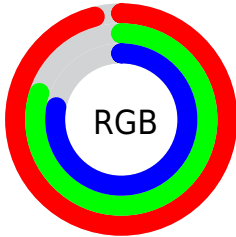
Format	Color
RYB	244, 203, 199
Decimal	16042951
CIELab	85.00, 13.83, 7.40
CIELCh	85, 15.690, 28.151
Yxy	66.0070, 0.3480, 0.3334
Android (android.graphics.Color)	4294233031 (0xFFFF4CBC7)
YUV	214.8030, -7.7909, 25.6058
Hunter-Lab	81.2447, 9.2230, 10.8308

Details

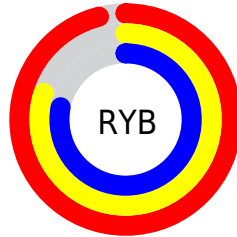
The CIELCh color **85, 15.690, 28.151** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.839, 207.216**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 15.546, 28.931** is the 20% darker color. If you saturate the color by 10%, you get **79, 25.217, 28.800**, and if you desaturate by 10%, it is **91, 6.891, 27.672**.

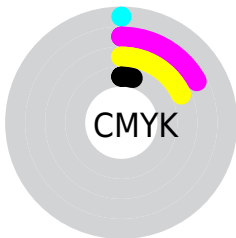
Distribution



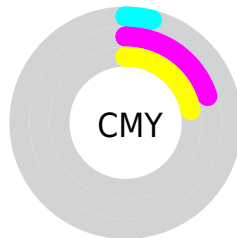
- Red (96%)
- Green (80%)
- Blue (78%)



- Red (96%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 15.690, 28.151 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 85, 15.690, 28.151 by changing the saturation by 10% instead.

 85, 15.690, 28.151

 85, 15.690, 28.151

 100, 15.690,
28.151

 75, 15.690, 28.151

 65, 15.690, 28.151

 55, 15.690, 28.151

 45, 15.690, 28.151

 35, 15.690, 28.151

 25, 15.690, 28.151

 15, 15.690, 28.151

 5, 15.690, 28.151

 0, 15.690, 28.151

85, 15.690, 28.151

85, 15.690, 28.151

79, 25.217, 28.800

91, 6.891, 27.672

74, 35.482, 29.681

97, 1.216, 208.004

68, 46.432, 30.876

99, 3.831, 199.335

64, 57.926, 32.457

59, 69.701, 34.462

56, 81.275, 36.811

53, 91.649, 39.116

52, 98.914, 40.551

52, 99.835, 40.790

Harmonies

Complementary

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



85, 15.690, 28.151



92, 13.839, 207.216

Rectangle

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



85, 15.690, 28.151



85, 15.690, 78.151



85, 15.690, 208.151



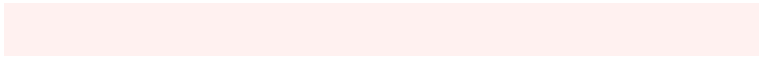
85, 15.690, 258.151

Sweetspot

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



85, 15.688, 28.160



96, 5.024, 27.550



85, 26.880, 327.828



51, 3.341, 27.585



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 15.688, 28.160



86, 19.690, 28.368



90, 15.326, 81.465



48, 4.670, 27.721



39, 81.240, 41.001



9, 29.222, 29.749

Inverse Universe

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



92, 13.839, 207.216



95, 16.905, 207.179



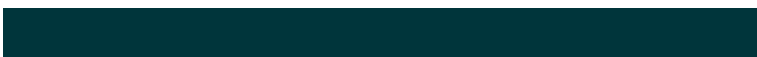
86, 14.958, 266.575



50, 4.390, 207.386



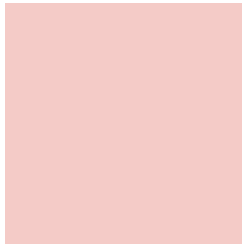
63, 35.549, 212.011



20, 15.978, 209.728

Previews

White Background



This preview shows how the CIELCh color 85, 15.690, 28.151 looks on a white background.

Color Contrast Check

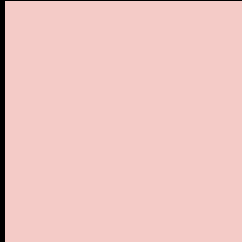
Large Text (above 18pt) WCAG AA × Fail

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 85, 15.690, 28.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

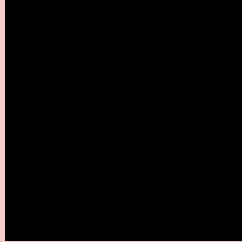
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

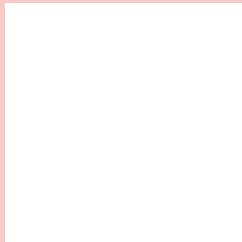
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 15.690, 28.151

Background



This preview shows how black text looks on a background with the CIELCh color 85, 15.690, 28.151.

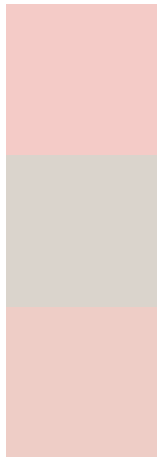


This preview shows how white text looks on a background with the CIELCh color 85, 15.690, 28.151.

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


85, 15.690, 28.151

Protanopia

85, 4.720, 81.860

Deuteranopia

85, 13.028, 36.518



Tritanopia
85, 18.855, 354.583

Trichromacy



Original Color
85, 15.690, 28.151

Protanomaly
85, 7.638, 48.397

Deuteranomaly
85, 14.010, 33.251

Tritanomaly
85, 16.993, 4.694

Monochromacy



Original Color
85, 15.690, 28.151

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.609, 30.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 15.690, 28.151 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(244, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(244, 203, 199)  
}
```

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(244, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 203, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 15.690, 28.151 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(244, 203, 199) }
```

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

```
.border{ border-color:rgb(244, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(244, 203,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 15.690, 28.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 203, 199) }
```

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

```
.background{ background-color: rgb(244,  
203, 199) }
```

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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