

Converting Colors

CIELCh(84, 17.665, 36.123)

Have a look what the booklet for
CIELCh(84, 17.665, 36.123) contains.

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Color

CIELCh(84, 17.603, 36.051)

Conversions

Conversions Part 1

Format	Color
Hex	F4C8BF
RGB	244, 200, 191
RGB Percent	96%, 78%, 75%
CMY	0.0445, 0.2170, 0.2523
CMYK	0.00, 0.18, 0.22, 0.04
HSL	10°, 70%, 85%
HSV	10°, 22%, 96%
XYZ	67.1256, 64.0658, 57.9231
YIQ	212.1300, 29.1130, 6.5290

Conversions

Conversions Part 2

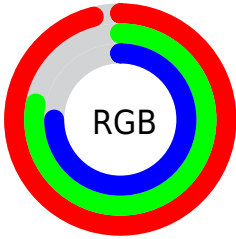
Format	Color
RYB	244, 202, 191
Decimal	16042175
CIELab	84.00, 14.23, 10.36
CIELCh	84, 17.603, 36.051
Yxy	64.0658, 0.3549, 0.3388
Android (android.graphics.Color)	4294232255 (0xFFFF4C8BF)
YUV	212.1300, -10.4171, 27.9500
Hunter-Lab	80.0411, 9.6252, 13.1225

Details

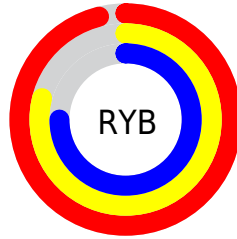
The CIELCh color **84, 17.603, 36.051** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 15.171, 216.579**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **64, 17.482, 35.493** is the 20% darker color. If you saturate the color by 10%, you get **79, 26.807, 36.321**, and if you desaturate by 10%, it is **89, 9.115, 35.935**.

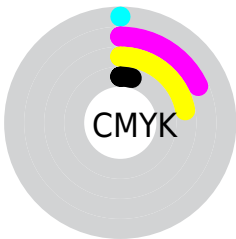
Distribution



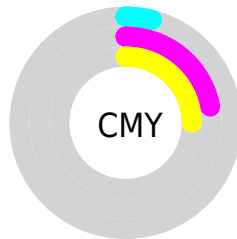
- Red (96%)
- Green (78%)
- Blue (75%)



- Red (96%)
- Yellow (79%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 17.603, 36.051 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, 17.603, 36.051 by changing the saturation by 10% instead.

 84, 17.603, 36.051

 84, 17.603, 36.051

 100, 17.603,
36.051

 74, 17.603, 36.051

 64, 17.603, 36.051

 54, 17.603, 36.051

 44, 17.603, 36.051

 34, 17.603, 36.051

 24, 17.603, 36.051

 14, 17.603, 36.051

 4, 17.603, 36.051

 0, 17.603, 36.051

84, 17.603, 36.051

84, 17.603, 36.051

79, 26.807, 36.321

89, 9.115, 35.935

74, 36.752, 36.778

95, 1.298, 35.543

69, 47.411, 37.479

99, 3.922, 199.326

64, 58.673, 38.460

60, 70.283, 39.706

57, 81.676, 41.065

54, 91.592, 42.063

53, 97.523, 42.286

Harmonies

Complementary

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



84, 17.603, 36.051



90, 15.171, 216.579

Rectangle

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



84, 17.603, 36.051



84, 17.603, 86.051



84, 17.603, 216.051



84, 17.603, 266.051

Sweetspot

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



84, 17.602, 36.060



96, 5.527, 35.886



83, 29.900, 330.729



51, 3.600, 35.895



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, 17.602, 36.060



85, 22.241, 36.152



90, 19.472, 88.334



48, 4.386, 35.915



40, 79.289, 42.635



10, 27.911, 34.123

Inverse Universe

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



90, 15.171, 216.579



93, 18.543, 216.758



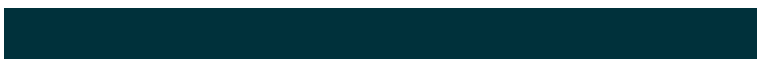
83, 19.378, 274.300



50, 4.128, 216.273



59, 34.380, 229.002



18, 15.305, 224.124

Previews

White Background



This preview shows how the CIELCh color 84, 17.603, 36.051 looks on a white background.

Color Contrast Check

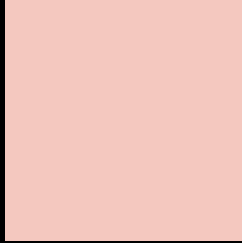
Large Text (above 18pt) WCAG AA × Fail

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, 17.603, 36.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

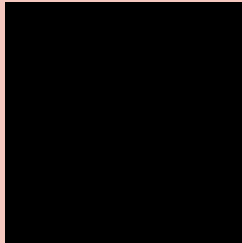
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 17.603, 36.051

Background



This preview shows how black text looks on a background with the CIELCh color 84, 17.603, 36.051.

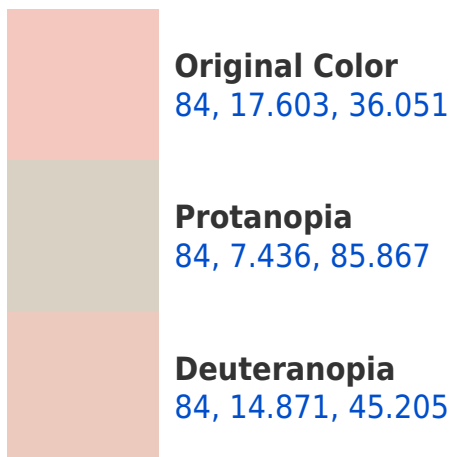


This preview shows how white text looks on a background with the CIELCh color 84, 17.603, 36.051.

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, 20.274, 356.657

Trichromacy



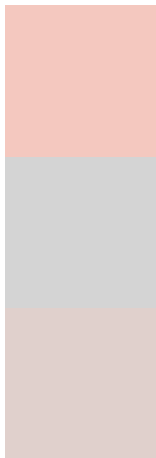
Original Color
84, 17.603, 36.051

Protanomaly
84, 10.142, 58.097

Deuteranomaly
84, 15.738, 41.789

Tritanomaly
84, 18.354, 9.373

Monochromacy



Original Color
84, 17.603, 36.051

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.279, 39.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 17.603, 36.051 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, 200, 191)` looks like.

```
.text, #text, p{  
    color:rgb(244, 200, 191)  
}
```

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, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 200, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 17.603, 36.051 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, 200, 191) }
```

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

```
.border{ border-color:rgb(244, 200, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 200, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 200, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 200, 191);  
box-shadow:4px 4px 4px 4px rgb(244, 200,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 17.603, 36.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 200, 191) }
```

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

```
.background{ background-color: rgb(244,  
200, 191) }
```

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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