

Converting Colors

CIELCh(84, 15.534, 34.870)

Have a look what the booklet for
CIELCh(84, 15.534, 34.870) contains.

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Color

CIELCh(84, 15.513, 36.056)

Conversions

Conversions Part 1

Format	Color
Hex	F0C9C1
RGB	240, 201, 193
RGB Percent	94%, 79%, 76%
CMY	0.0593, 0.2122, 0.2436
CMYK	0.00, 0.16, 0.20, 0.06
HSL	10°, 61%, 85%
HSV	10°, 20%, 94%
XYZ	66.3639, 64.0658, 59.2509
YIQ	211.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

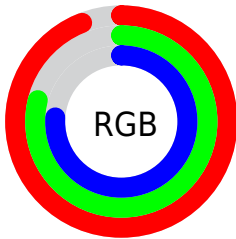
Format	Color
R _Y B	240, 203, 193
Decimal	15780289
CIE Lab	84.00, 12.54, 9.13
CIE LCh	84, 15.513, 36.056
Yxy	64.0658, 0.3499, 0.3378
Android (android.graphics.Color)	4293970369 (0xFFFF0C9C1)
YUV	211.7490, -9.2433, 24.7761
Hunter-Lab	80.0411, 7.9266, 12.1390

Details

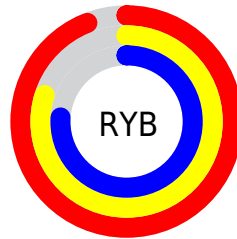
The CIELCh color **84, 15.513, 36.056** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 13.589, 216.553**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **64, 15.233, 35.376** is the 20% darker color. If you saturate the color by 10%, you get **79, 24.441, 36.289**, and if you desaturate by 10%, it is **89, 7.282, 35.960**.

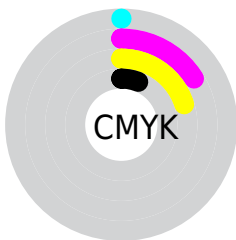
Distribution



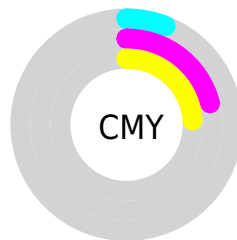
- Red (94%)
- Green (79%)
- Blue (76%)



- Red (94%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 15.513, 36.056 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, 15.513, 36.056 by changing the saturation by 10% instead.

 84, 15.513, 36.056

 84, 15.513, 36.056

 100, 15.513,
36.056

 74, 15.513, 36.056

 64, 15.513, 36.056

 54, 15.513, 36.056

 44, 15.513, 36.056

 34, 15.513, 36.056

 24, 15.513, 36.056

 14, 15.513, 36.056

 4, 15.513, 36.056

 0, 15.513, 36.056

84, 15.513, 36.056

84, 15.513, 36.056

79, 24.441, 36.289

89, 7.282, 35.960

74, 34.100, 36.696

95, 0.300, 218.194

69, 44.474, 37.336

99, 5.205, 199.203

64, 55.477, 38.249

60, 66.897, 39.438

57, 78.269, 40.791

54, 88.547, 41.929

52, 96.064, 42.285

52, 96.343, 42.314

Harmonies

Complementary

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



84, 15.513, 36.056



90, 13.589, 216.553

Rectangle

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



84, 15.513, 36.056



84, 15.513, 86.056



84, 15.513, 216.056



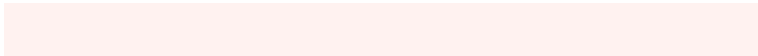
84, 15.513, 266.056

Sweetspot

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



84, 15.512, 36.066



97, 4.716, 35.914



83, 26.589, 330.589



51, 3.137, 35.926



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, 15.512, 36.066



86, 20.351, 36.147



90, 17.283, 88.619



47, 4.310, 35.959



40, 78.444, 42.667



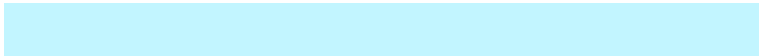
9, 26.637, 33.323

Inverse Universe

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



90, 13.589, 216.553



93, 17.235, 216.722



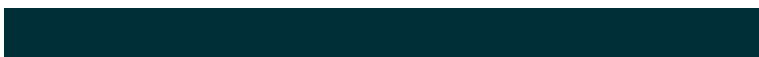
83, 17.210, 273.936



49, 4.056, 216.321



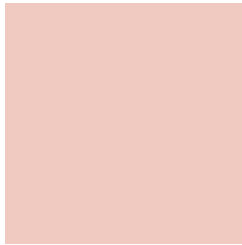
58, 34.030, 229.056



17, 14.877, 223.924

Previews

White Background



This preview shows how the CIELCh color 84, 15.513, 36.056 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, 15.513, 36.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

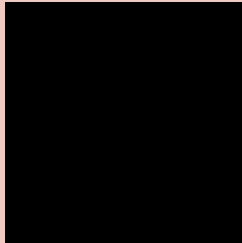
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 15.513, 36.056

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.513, 36.056.

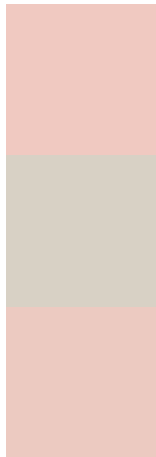


This preview shows how white text looks on a background with the CIELCh color 84, 15.513, 36.056.

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, 15.513, 36.056

Protanopia

84, 6.804, 87.071

Deuteranopia

84, 13.822, 40.167



Tritanopia
84, 18.013, 354.984

Trichromacy



Original Color
84, 15.513, 36.056

Protanomaly
84, 8.867, 55.998

Deuteranomaly
84, 14.190, 39.653

Tritanomaly
84, 16.082, 7.509

Monochromacy



Original Color
84, 15.513, 36.056

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.394, 36.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.513, 36.056 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(240, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(240, 201, 193)  
}
```

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(240, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 201, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.513, 36.056 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(240, 201, 193) }
```

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

```
.border{ border-color:rgb(240, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(240, 201,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.513, 36.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 201, 193) }
```

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

```
.background{ background-color: rgb(240,  
201, 193) }
```

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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