

Converting Colors

CIELCh(86, 31.590, 40.360)

Have a look what the booklet for
CIELCh(86, 31.590, 40.360) contains.

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Color

CIELCh(84, 25.034, 45.403)

Conversions

Conversions Part 1

Format	Color
Hex	FEC5B1
RGB	254, 197, 177
RGB Percent	100%, 77%, 69%
CMY	0.0048, 0.2280, 0.3063
CMYK	0.00, 0.22, 0.30, 0.00
HSL	16°, 97%, 84%
HSV	16°, 30%, 100%
XYZ	68.6497, 64.0658, 50.2803
YIQ	211.7630, 40.3920, 5.8640

Conversions

Conversions Part 2

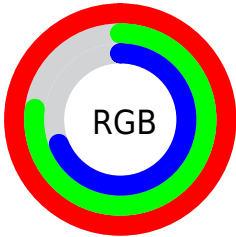
Format	Color
RYB	254, 204, 177
Decimal	16696753
CIELab	84.00, 17.58, 17.83
CIELCh	84, 25.034, 45.403
Yxy	64.0658, 0.3751, 0.3501
Android (android.graphics.Color)	4294886833 (0xFFFE5B1)
YUV	211.7630, -17.1382, 37.0418
Hunter-Lab	80.0411, 13.0242, 18.7839

Details

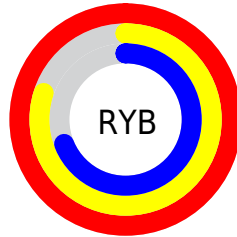
The CIELCh color **84, 25.034, 45.403** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 20.520, 229.049**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 10.640, 107.427**, and **64, 25.164, 45.717** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.689, 45.251**, and if you desaturate by 10%, it is **89, 16.099, 45.692**.

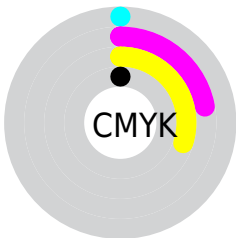
Distribution



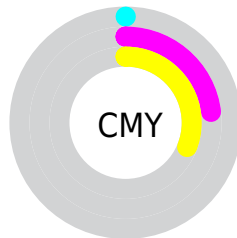
- Red (100%)
- Green (77%)
- Blue (69%)



- Red (100%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 25.034, 45.403 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, 25.034, 45.403 by changing the saturation by 10% instead.

 84, 25.034, 45.403

 84, 25.034, 45.403

 100, 25.034,
45.403

 74, 25.034, 45.403

 64, 25.034, 45.403

 54, 25.034, 45.403

 44, 25.034, 45.403

 34, 25.034, 45.403

 24, 25.034, 45.403

 14, 25.034, 45.403

 4, 25.034, 45.403

 0, 25.034, 45.403

84, 25.034, 45.403

84, 25.034, 45.403

79, 34.689, 45.251

89, 16.099, 45.692

74, 45.074, 45.244

94, 7.847, 46.048

70, 56.123, 45.402

99, 0.217, 43.711

66, 67.634, 45.698

100, 0.424,
200.942

62, 79.108, 45.993

59, 89.423, 45.913

57, 96.870, 45.069

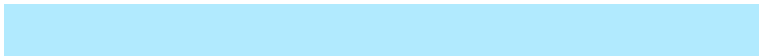
Harmonies

Complementary

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



84, 25.034, 45.403



89, 20.520, 229.049

Rectangle

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



84, 25.034, 45.403



84, 25.034, 95.403



84, 25.034, 225.403



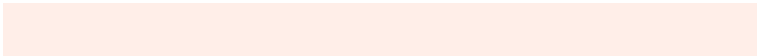
84, 25.034, 275.403

Sweetspot

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



84, 25.033, 45.410



95, 6.847, 46.093



81, 40.619, 334.425



50, 4.786, 46.042



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

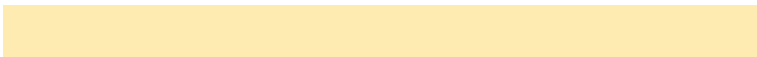
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 25.033, 45.410



82, 30.566, 45.302



93, 30.468, 93.496



50, 4.334, 46.076



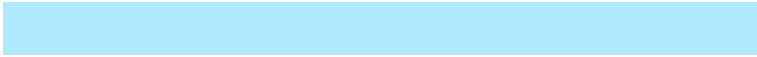
43, 77.822, 45.570



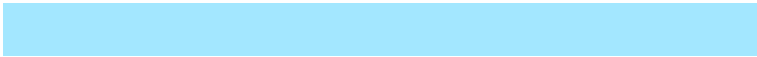
12, 29.108, 40.928

Inverse Universe

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



89, 20.520, 229.049



88, 23.981, 229.765



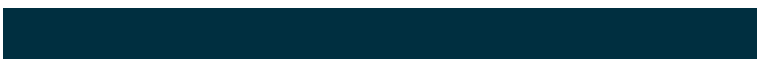
80, 31.141, 281.743



51, 4.100, 227.251



55, 37.301, 248.390



18, 16.607, 241.859

Previews

White Background



This preview shows how the CIELCh color 84, 25.034, 45.403 looks on a white background.

Color Contrast Check

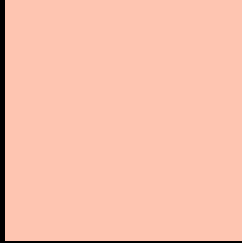
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 25.034, 45.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

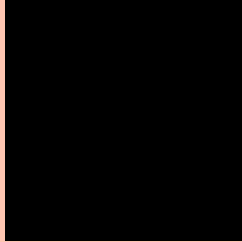
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.034, 45.403

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.034, 45.403.



This preview shows how white text looks on a background with the CIELCh color 84, 25.034, 45.403.

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, 25.065, 45.401

Protanopia

84, 14.272, 91.808

Deuteranopia

84, 20.993, 60.438



Tritanopia
84, 24.273, 3.912

Trichromacy



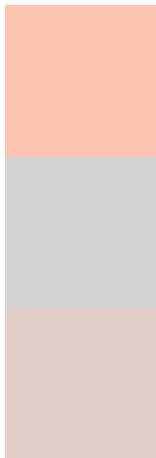
Original Color
84, 25.065, 45.401

Protanomaly
84, 16.449, 69.525

Deuteranomaly
84, 22.277, 54.602

Tritanomaly
84, 23.326, 18.706

Monochromacy



Original Color
84, 25.065, 45.401

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.682, 44.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.034, 45.403 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(254, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 197, 177)  
}
```

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(254, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 197, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.034, 45.403 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(254, 197, 177) }
```

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

```
.border{ border-color:rgb(254, 197, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 197,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.034, 45.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 197, 177) }
```

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

```
.background{ background-color: rgb(254,  
197, 177) }
```

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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