

Converting Colors

CIELCh(85, 24.489, 50.238)

Have a look what the booklet for
CIELCh(85, 24.489, 50.238) contains.

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Color

CIELCh(85, 24.350, 50.050)

Conversions

Conversions Part 1

Format	Color
Hex	FEC9B2
RGB	254, 201, 178
RGB Percent	100%, 79%, 70%
CMY	0.0042, 0.2120, 0.3022
CMYK	0.00, 0.21, 0.30, 0.00
HSL	18°, 97%, 85%
HSV	18°, 30%, 100%
XYZ	69.7431, 66.0070, 51.1469
YIQ	214.2250, 38.9710, 4.0830

Conversions

Conversions Part 2

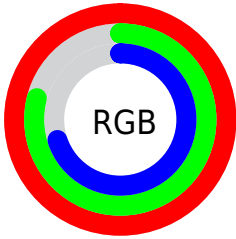
Format	Color
RYB	254, 211, 178
Decimal	16697778
CIELab	85.00, 15.64, 18.67
CIELCh	85, 24.350, 50.050
Yxy	66.0070, 0.3732, 0.3532
Android (android.graphics.Color)	4294887858 (0xFFFE9B2)
YUV	214.2250, -17.8589, 34.8827
Hunter-Lab	81.2447, 11.0520, 19.5458

Details

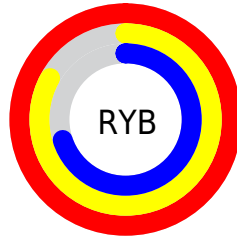
The CIELCh color **85, 24.350, 50.050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 20.305, 234.942**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **65, 24.385, 50.559** is the 20% darker color. If you saturate the color by 10%, you get **80, 33.790, 49.626**, and if you desaturate by 10%, it is **90, 15.592, 50.580**.

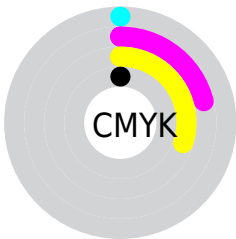
Distribution



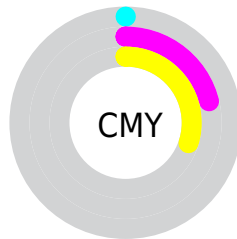
- Red (100%)
- Green (79%)
- Blue (70%)



- Red (100%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 24.350, 50.050 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, 24.350, 50.050 by changing the saturation by 10% instead.

 85, 24.350, 50.050

 85, 24.350, 50.050

 100, 24.350,
50.050

 75, 24.350, 50.050

 65, 24.350, 50.050

 55, 24.350, 50.050

 45, 24.350, 50.050

 35, 24.350, 50.050

 25, 24.350, 50.050

 15, 24.350, 50.050

 5, 24.350, 50.050

 0, 24.350, 50.050

85, 24.350, 50.050

85, 24.350, 50.050

80, 33.790, 49.626

90, 15.592, 50.580

76, 43.925, 49.310

95, 7.475, 51.151

72, 54.698, 49.114

100, 0.059,
242.236

68, 65.918, 49.002

100, 0.374,
201.153

64, 77.102, 48.839

61, 87.185, 48.277

58, 94.743, 46.919

58, 94.795, 46.911

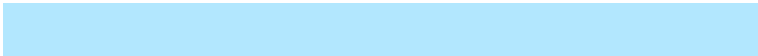
Harmonies

Complementary

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



85, 24.350, 50.050



89, 20.305, 234.942

Rectangle

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



85, 24.350, 50.050



85, 24.350, 100.050



85, 24.350, 230.050



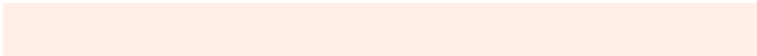
85, 24.350, 280.050

Sweetspot

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



85, 24.349, 50.057



96, 6.777, 51.203



81, 38.788, 336.474



50, 4.735, 51.122



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, 24.349, 50.057



82, 30.103, 49.783



94, 31.550, 96.869



51, 4.289, 51.175



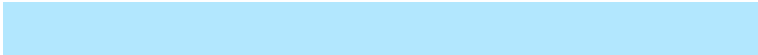
44, 76.111, 47.476



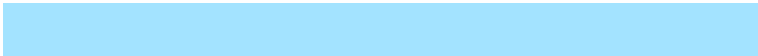
13, 28.521, 44.026

Inverse Universe

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



89, 20.305, 234.942



87, 24.045, 235.865



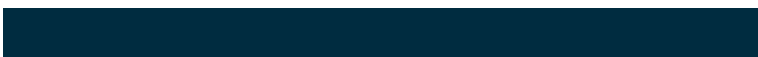
79, 32.684, 284.688



51, 4.075, 232.714



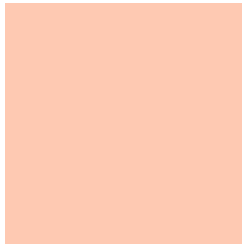
53, 39.657, 256.753



17, 17.301, 249.704

Previews

White Background



This preview shows how the CIELCh color 85, 24.350, 50.050 looks on a white background.

Color Contrast Check

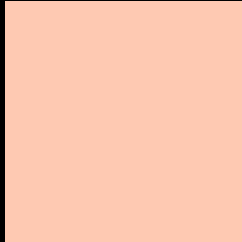
Large Text (above 18pt) WCAG AA × Fail

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 85, 24.350, 50.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

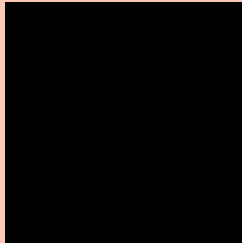
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 24.350, 50.050

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.350, 50.050.



This preview shows how white text looks on a background with the CIELCh color 85, 24.350, 50.050.

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, 24.350, 50.050

Protanopia

85, 15.744, 93.312

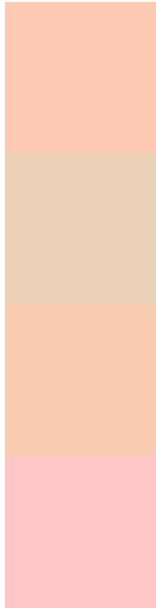
Deuteranopia

85, 21.623, 60.740



Tritanopia
85, 22.742, 2.557

Trichromacy



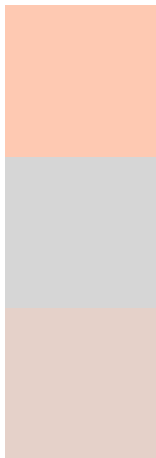
Original Color
85, 24.350, 50.050

Protanomaly
85, 17.437, 73.580

Deuteranomaly
85, 22.551, 57.203

Tritanomaly
85, 21.696, 19.720

Monochromacy



Original Color
85, 24.350, 50.050

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 8.569, 49.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.350, 50.050 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, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 178)  
}
```

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, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.350, 50.050 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, 201, 178) }
```

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

```
.border{ border-color:rgb(254, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.350, 50.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 178) }
```

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

```
.background{ background-color: rgb(254,  
201, 178) }
```

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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