

Converting Colors

CIELCh(100, 72.608, 29.448)

Have a look what the booklet for
CIELCh(100, 72.608, 29.448)
contains.

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Color

CIELCh(85, 21.957, 37.337)

Conversions

Conversions Part 1

Format	Color
Hex	FEC8BC
RGB	254, 200, 188
RGB Percent	100%, 78%, 74%
CMY	0.0041, 0.2156, 0.2626
CMYK	0.00, 0.21, 0.26, 0.00
HSL	11°, 97%, 87%
HSV	11°, 26%, 100%
XYZ	70.5919, 66.0070, 56.6106
YIQ	214.7780, 36.0360, 7.7160

Conversions

Conversions Part 2

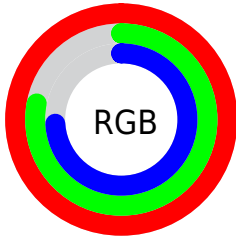
Format	Color
RYB	254, 203, 188
Decimal	16697532
CIELab	85.00, 17.46, 13.32
CIELCh	85, 21.957, 37.337
Yxy	66.0070, 0.3654, 0.3416
Android (android.graphics.Color)	4294887612 (0xFFFE8BC)
YUV	214.7780, -13.2016, 34.3977
Hunter-Lab	81.2447, 12.9168, 15.5585

Details

The CIELCh color **85, 21.957, 37.337** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 18.332, 218.275**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **65, 21.779, 37.295** is the 20% darker color. If you saturate the color by 10%, you get **80, 31.726, 37.610**, and if you desaturate by 10%, it is **91, 12.939, 37.236**.

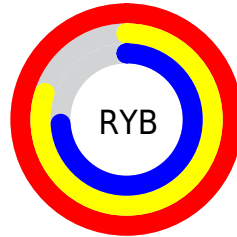
Distribution



Red (100%)

Green (78%)

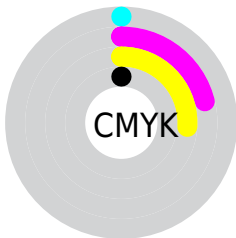
Blue (74%)



Red (100%)

Yellow (80%)

Blue (74%)

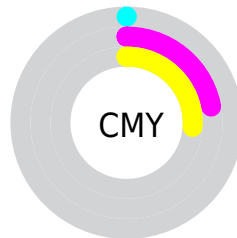


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.957, 37.337 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, 21.957, 37.337 by changing the saturation by 10% instead.

85, 21.957, 37.337

85, 21.957, 37.337

100, 21.957,
37.337

75, 21.957, 37.337

65, 21.957, 37.337

55, 21.957, 37.337

45, 21.957, 37.337

35, 21.957, 37.337

25, 21.957, 37.337

15, 21.957, 37.337

5, 21.957, 37.337

0, 21.957, 37.337

85, 21.957, 37.337

85, 21.957, 37.337

80, 31.726, 37.610

91, 12.939, 37.236

75, 42.260, 38.083

96, 4.634, 37.187

70, 53.504, 38.805

100, 0.364,
201.204

65, 65.297, 39.793

61, 77.270, 40.984

58, 88.593, 42.116

56, 97.497, 42.521

55, 100.262,
42.542

Harmonies

Complementary

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



85, 21.957, 37.337



92, 18.332, 218.275

Rectangle

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



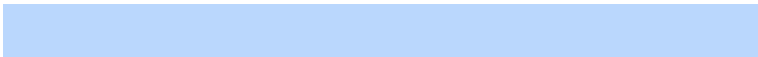
85, 21.957, 37.337



85, 21.957, 87.337



85, 21.957, 217.337



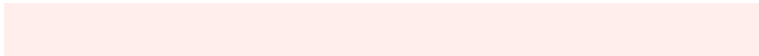
85, 21.957, 267.337

Sweetspot

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



85, 21.956, 37.345



95, 6.294, 37.206



84, 36.919, 331.005



50, 4.501, 37.213



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, 21.956, 37.345



83, 26.874, 37.456



93, 24.148, 87.767



50, 4.501, 37.213



42, 80.580, 42.916



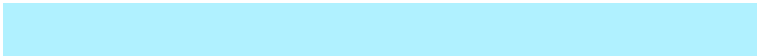
12, 30.246, 36.165

Inverse Universe

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



92, 18.332, 218.275



91, 21.553, 218.573



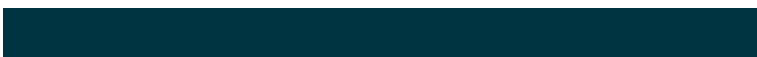
84, 24.006, 275.056



52, 4.237, 217.681



60, 35.154, 231.701



19, 16.134, 226.915

Previews

White Background



This preview shows how the CIELCh color 85, 21.957, 37.337 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, 21.957, 37.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

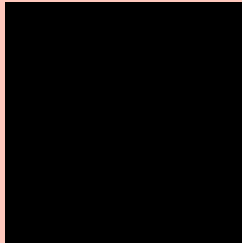
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.957, 37.337

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.957, 37.337.



This preview shows how white text looks on a background with the CIELCh color 85, 21.957, 37.337.

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, 21.982, 37.338

Protanopia

85, 10.001, 89.574

Deuteranopia

85, 17.214, 53.232



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 21.982, 37.338

Protanomaly
85, 12.714, 60.938

Deuteranomaly
85, 18.745, 46.833

Tritanomaly
85, 21.668, 14.234

Monochromacy



Original Color
85, 21.982, 37.338

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.517, 40.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.957, 37.337 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, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 200, 188)  
}
```

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, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 200, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.957, 37.337 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, 200, 188) }
```

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

```
.border{ border-color:rgb(254, 200, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 200, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 200, 188);  
box-shadow:4px 4px 4px 4px rgb(254, 200,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.957, 37.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 200, 188) }
```

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

```
.background{ background-color: rgb(254,  
200, 188) }
```

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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