

Converting Colors

CIELCh(85, 25.792, 36.262)

Have a look what the booklet for
CIELCh(85, 25.792, 36.262) contains.

| | |
|--|----|
| CIELCh(85, 23.385, 37.755) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(85, 23.385, 37.755)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFC7BA |
| RGB | 255, 199, 186 |
| RGB Percent | 100%, 78%, 73% |
| CMY | 0.0000, 0.2187, 0.2698 |
| CMYK | 0.00, 0.22, 0.27, 0.00 |
| HSL | 11°, 100%, 87% |
| HSV | 11°, 27%, 100% |
| XYZ | 71.0754, 66.0070, 55.5598 |
| YIQ | 214.2620, 37.5490, 7.8290 |

Conversions

Conversions Part 2

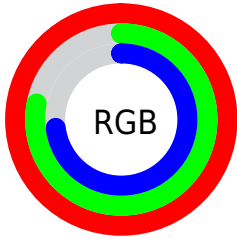
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 202, 186 |
| Decimal | 16762810 |
| CIE Lab | 85.00, 18.49, 14.32 |
| CIE LCh | 85, 23.385, 37.755 |
| Yxy | 66.0070, 0.3690, 0.3426 |
| Android (android.graphics.Color) | 4294952890 (0xFFFFC7BA) |
| YUV | 214.2620, -13.9332, 35.7272 |
| Hunter-Lab | 81.2447, 13.9790, 16.3254 |

Details

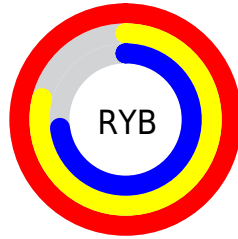
The CIELCh color **85, 23.385, 37.755** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 18.973, 219.286**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **65, 22.855, 38.028** is the 20% darker color. If you saturate the color by 10%, you get **80, 32.723, 38.345**, and if you desaturate by 10%, it is **90, 13.808, 38.026**.

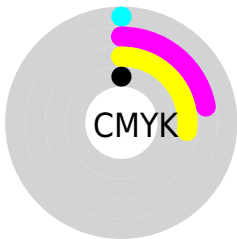
Distribution



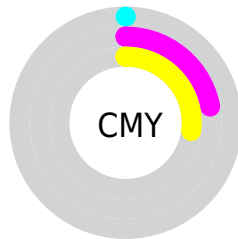
- Red (100%)
- Green (78%)
- Blue (73%)



- Red (100%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 23.385, 37.755 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, 23.385, 37.755 by changing the saturation by 10% instead.

 85, 23.385, 37.755

 85, 23.385, 37.755

 100, 23.385,
37.755

 75, 23.385, 37.755

 65, 23.385, 37.755

 55, 23.385, 37.755

 45, 23.385, 37.755

 35, 23.385, 37.755

 25, 23.385, 37.755

 15, 23.385, 37.755

 5, 23.385, 37.755

 0, 23.385, 37.755

85, 23.385, 37.755

85, 23.385, 37.755

80, 32.723, 38.345

90, 13.808, 38.026

74, 43.323, 38.788

96, 5.444, 38.021

70, 54.627, 39.476

100, 0.012,
296.813

65, 66.465, 40.416

62, 78.436, 41.532

58, 89.638, 42.530

56, 98.216, 42.722

55, 100.300,
42.734

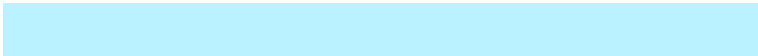
Harmonies

Complementary

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



85, 23.385, 37.755



92, 18.973, 219.286

Rectangle

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



85, 23.385, 37.755



85, 23.385, 87.755



85, 23.385, 217.755



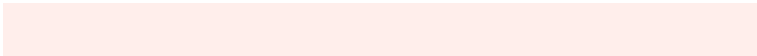
85, 23.385, 267.755

Sweetspot

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



85, 22.887, 38.107



95, 6.266, 38.025



83, 38.051, 331.663



50, 4.481, 38.026



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, 22.887, 38.107



82, 27.728, 38.203



93, 25.579, 88.968



50, 4.481, 38.026



42, 80.344, 43.125



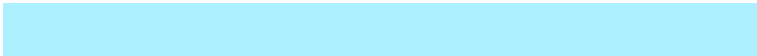
12, 30.138, 36.570

Inverse Universe

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



92, 18.973, 219.286



91, 22.079, 219.620



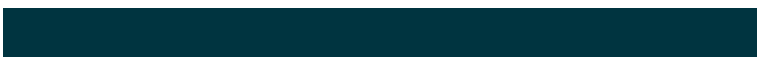
83, 25.563, 276.517



52, 4.219, 218.561



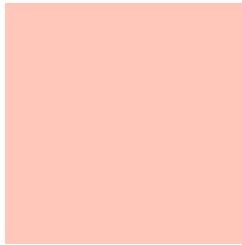
59, 35.235, 233.328



19, 16.134, 228.339

Previews

White Background



This preview shows how the CIELCh color 85, 23.385, 37.755 looks on a white background.

Color Contrast Check

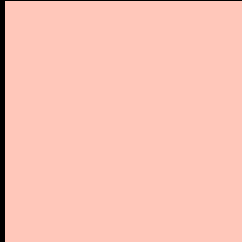
Large Text (above 18pt) WCAG AA × Fail

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, 23.385, 37.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

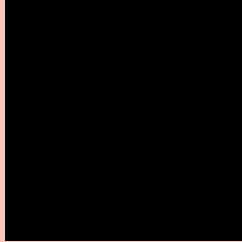
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 23.385, 37.755

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.385, 37.755.

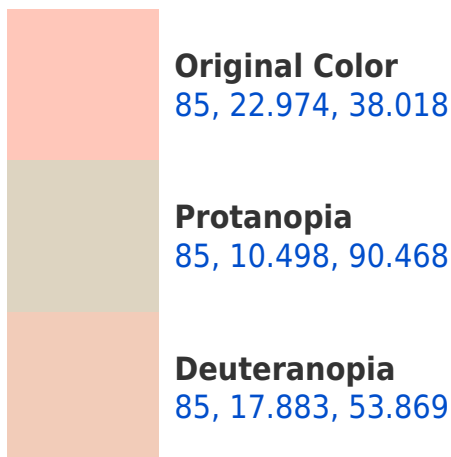


This preview shows how white text looks on a background with the CIELCh color 85, 23.385, 37.755.

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](#).

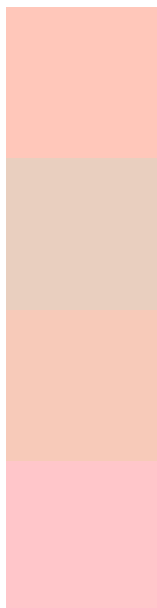
Dichromacy





Tritanopia
85, 22.742, 2.557

Trichromacy



Original Color
85, 22.974, 38.018

Protanomaly
85, 13.023, 59.819

Deuteranomaly
85, 19.752, 47.125

Tritanomaly
85, 21.655, 15.606

Monochromacy



Original Color
85, 22.974, 38.018

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.880, 39.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.385, 37.755 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(255, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 186)  
}
```

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(255, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.385, 37.755 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(255, 199, 186) }
```

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

```
.border{ border-color:rgb(255, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.385, 37.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 186) }
```

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

```
.background{ background-color: rgb(255,  
199, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor