

Converting Colors

CIELCh(85, 23.377, 48.464)

Have a look what the booklet for
CIELCh(85, 23.377, 48.464) contains.

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Color

CIELCh(85, 23.405, 48.460)

Conversions

Conversions Part 1

Format	Color
Hex	FDC9B4
RGB	253, 201, 180
RGB Percent	99%, 79%, 71%
CMY	0.0075, 0.2114, 0.2938
CMYK	0.00, 0.21, 0.29, 0.01
HSL	17°, 95%, 85%
HSV	17°, 29%, 99%
XYZ	69.6899, 66.0070, 52.2886
YIQ	214.1540, 37.7330, 4.4930

Conversions

Conversions Part 2

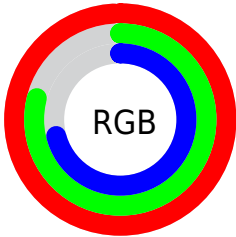
Format	Color
R _Y B	253, 209, 180
Decimal	16632244
CIE Lab	85.00, 15.52, 17.52
CIE LCh	85, 23.405, 48.460
Yxy	66.0070, 0.3707, 0.3511
Android (android.graphics.Color)	4294822324 (0xFFFDC9B4)
YUV	214.1540, -16.8379, 34.0679
Hunter-Lab	81.2447, 10.9351, 18.7126

Details

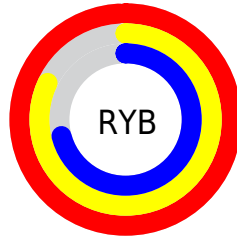
The CIELCh color **85, 23.405, 48.460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 19.561, 232.727**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **65, 23.356, 48.938** is the 20% darker color. If you saturate the color by 10%, you get **80, 32.805, 48.115**, and if you desaturate by 10%, it is **90, 14.696, 48.918**.

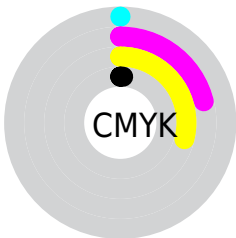
Distribution



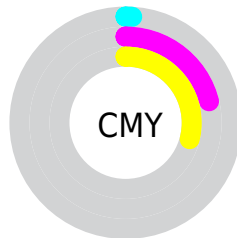
- Red (99%)
- Green (79%)
- Blue (71%)



- Red (99%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 23.405, 48.460 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, 23.405, 48.460 by changing the saturation by 10% instead.

 85, 23.405, 48.460

 85, 23.405, 48.460

 100, 23.405,
48.460

 75, 23.405, 48.460

 65, 23.405, 48.460

 55, 23.405, 48.460

 45, 23.405, 48.460

 35, 23.405, 48.460

 25, 23.405, 48.460

 15, 23.405, 48.460

 5, 23.405, 48.460

 0, 23.405, 48.460

85, 23.405, 48.460

85, 23.405, 48.460

80, 32.805, 48.115

90, 14.696, 48.918

76, 42.914, 47.888

95, 6.634, 49.416

71, 53.684, 47.797

100, 0.666,
200.359

67, 64.942, 47.815

64, 76.253, 47.824

61, 86.628, 47.504

58, 94.483, 46.352

58, 95.304, 46.235

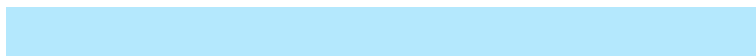
Harmonies

Complementary

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



85, 23.405, 48.460



89, 19.561, 232.727

Rectangle

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



85, 23.405, 48.460



85, 23.405, 98.460



85, 23.405, 228.460



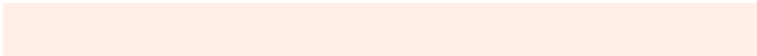
85, 23.405, 278.460

Sweetspot

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



85, 23.404, 48.468



95, 6.795, 49.409



82, 37.723, 335.679



50, 4.748, 49.338



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, 23.404, 48.468



83, 29.285, 48.237



94, 29.848, 95.932



50, 4.301, 49.384



44, 76.718, 46.774



13, 28.720, 42.907

Inverse Universe

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



89, 19.561, 232.727



88, 23.407, 233.585



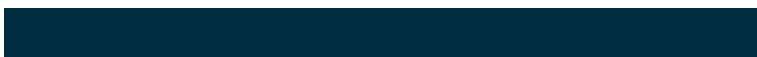
80, 30.743, 283.526



51, 4.079, 230.800



53, 38.747, 253.926



17, 17.025, 247.021

Previews

White Background



This preview shows how the CIELCh color 85, 23.405, 48.460 looks on a white background.

Color Contrast Check

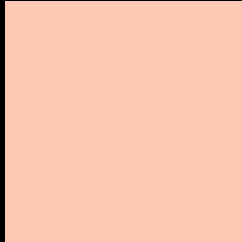
Large Text (above 18pt) WCAG AA × Fail

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, 23.405, 48.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

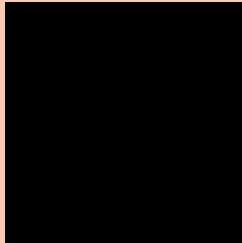
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 23.405, 48.460

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.405, 48.460.

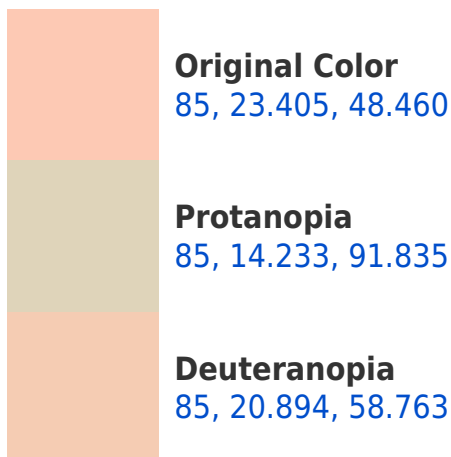


This preview shows how white text looks on a background with the CIELCh color 85, 23.405, 48.460.

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, 22.877, 1.299

Trichromacy



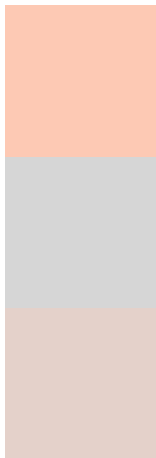
Original Color
85, 23.405, 48.460

Protanomaly
85, 16.146, 70.617

Deuteranomaly
85, 21.866, 55.204

Tritanomaly
85, 21.280, 18.268

Monochromacy



Original Color
85, 23.405, 48.460

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.973, 47.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.405, 48.460 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(253, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(253, 201, 180)  
}
```

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(253, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.405, 48.460 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(253, 201, 180) }
```

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

```
.border{ border-color:rgb(253, 201, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 201, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 201, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 201, 180); box-shadow:4px 4px 4px 4px rgb(253, 201, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.405, 48.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 180) }
```

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

```
.background{ background-color: rgb(253,  
201, 180) }
```

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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