

Converting Colors

CIELCh(84, 23.045, 49.563)

Have a look what the booklet for
CIELCh(84, 23.045, 49.563) contains.

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Color

CIELCh(84, 23.045, 50.423)

Conversions

Conversions Part 1

Format	Color
Hex	F9C7B1
RGB	249, 199, 177
RGB Percent	98%, 78%, 69%
CMY	0.0241, 0.2201, 0.3064
CMYK	0.00, 0.20, 0.29, 0.02
HSL	18°, 85%, 83%
HSV	18°, 29%, 98%
XYZ	67.3295, 64.0658, 50.3422
YIQ	211.4420, 36.8620, 3.7580

Conversions

Conversions Part 2

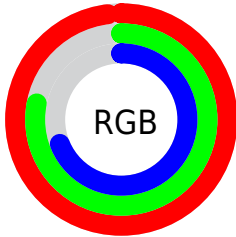
Format	Color
R _Y B	249, 209, 177
Decimal	16369585
CIE Lab	84.00, 14.68, 17.76
CIE LCh	84, 23.045, 50.423
Yxy	64.0658, 0.3705, 0.3525
Android (android.graphics.Color)	4294559665 (0xFFF9C7B1)
YUV	211.4420, -16.9799, 32.9384
Hunter-Lab	80.0411, 10.0799, 18.7381

Details

The CIELCh color **84, 23.045, 50.423** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 19.375, 235.202**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **64, 22.995, 51.000** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.250, 49.972**, and if you desaturate by 10%, it is **89, 14.504, 50.976**.

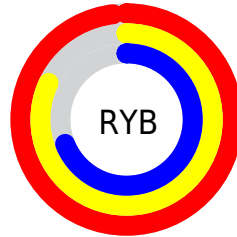
Distribution



Red (98%)

Green (78%)

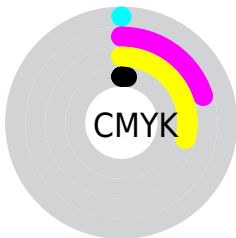
Blue (69%)



Red (98%)

Yellow (82%)

Blue (69%)

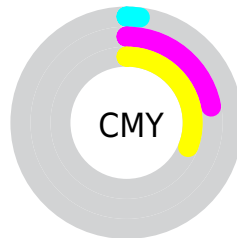


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (2%)



Cyan (2%)

Magenta (22%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.045, 50.423 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, 23.045, 50.423 by changing the saturation by 10% instead.

 84, 23.045, 50.423

 84, 23.045, 50.423

 100, 23.045,
50.423

 74, 23.045, 50.423

 64, 23.045, 50.423

 54, 23.045, 50.423

 44, 23.045, 50.423

 34, 23.045, 50.423

 24, 23.045, 50.423

 14, 23.045, 50.423

 4, 23.045, 50.423

 0, 23.045, 50.423

84, 23.045, 50.423

84, 23.045, 50.423

79, 32.250, 49.972

89, 14.504, 50.976

75, 42.136, 49.624

94, 6.586, 51.560

71, 52.657, 49.393

98, 0.768, 233.105

67, 63.644, 49.250

100, 2.131,
199.581

63, 74.665, 49.074

60, 84.754, 48.550

58, 92.419, 47.211

57, 93.174, 47.085

Harmonies

Complementary

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



84, 23.045, 50.423



87, 19.375, 235.202

Rectangle

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



84, 23.045, 50.423



84, 23.045, 100.423



84, 23.045, 230.423



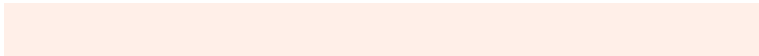
84, 23.045, 280.423

Sweetspot

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



84, 23.044, 50.431



96, 6.774, 51.555



80, 36.892, 336.391



50, 4.733, 51.472



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, 23.044, 50.431



83, 29.128, 50.138



93, 29.998, 96.995



50, 4.217, 51.528



44, 75.210, 47.650



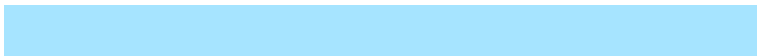
12, 27.253, 43.758

Inverse Universe

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



87, 19.375, 235.202



87, 23.467, 236.118



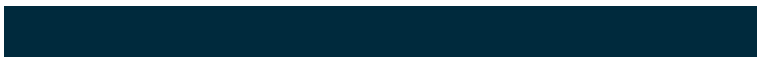
78, 31.030, 284.505



50, 4.008, 233.087



52, 39.431, 257.242



16, 16.858, 249.820

Previews

White Background



This preview shows how the CIELCh color 84, 23.045, 50.423 looks on a white background.

Color Contrast Check

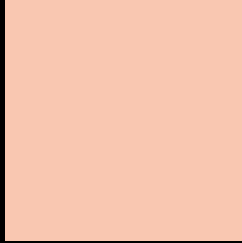
Large Text (above 18pt) WCAG AA × Fail

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, 23.045, 50.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

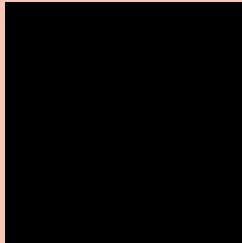
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.045, 50.423

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.045, 50.423.



This preview shows how white text looks on a background with the CIELCh color 84, 23.045, 50.423.

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, 23.045, 50.423

Protanopia

84, 14.776, 92.336

Deuteranopia

84, 20.993, 60.438



Tritanopia
84, 22.940, 1.332

Trichromacy



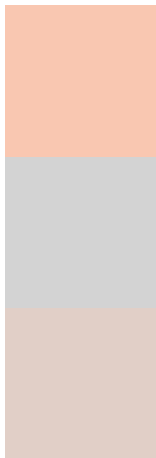
Original Color
84, 23.045, 50.423

Protanomaly
84, 16.381, 72.708

Deuteranomaly
84, 21.605, 57.430

Tritanomaly
84, 20.960, 19.622

Monochromacy



Original Color
84, 23.045, 50.423

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 7.929, 51.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.045, 50.423 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(249, 199, 177)` looks like.

```
.text, #text, p{  
    color:rgb(249, 199, 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(249, 199, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 199, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.045, 50.423 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(249, 199, 177) }
```

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

```
.border{ border-color:rgb(249, 199, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 199, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 199, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 199, 177);  
box-shadow:4px 4px 4px 4px rgb(249, 199,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.045, 50.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 199, 177) }
```

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

```
.background{ background-color: rgb(249,  
199, 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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