

Converting Colors

CIELCh(85, 23.817, 51.550)

Have a look what the booklet for
CIELCh(85, 23.817, 51.550) contains.

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Color

CIELCh(85, 23.929, 51.978)

Conversions

Conversions Part 1

Format	Color
Hex	FDCAB2
RGB	253, 202, 178
RGB Percent	99%, 79%, 70%
CMY	0.0098, 0.2097, 0.3037
CMYK	0.00, 0.20, 0.30, 0.01
HSL	19°, 94%, 84%
HSV	19°, 30%, 99%
XYZ	69.3282, 66.0070, 50.9657
YIQ	214.5130, 38.1000, 3.3480

Conversions

Conversions Part 2

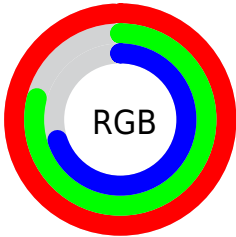
Format	Color
R _Y B	253, 213, 178
Decimal	16632498
CIE Lab	85.00, 14.74, 18.85
CIE LCh	85, 23.929, 51.978
Yxy	66.0070, 0.3721, 0.3543
Android (android.graphics.Color)	4294822578 (0xFFFD CAB2)
YUV	214.5130, -18.0009, 33.7531
Hunter-Lab	81.2447, 10.1404, 19.6780

Details

The CIELCh color **85, 23.929, 51.978** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 20.126, 237.308**, 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, 23.933, 52.584** is the 20% darker color. If you saturate the color by 10%, you get **80, 33.243, 51.450**, and if you desaturate by 10%, it is **90, 15.275, 52.601**.

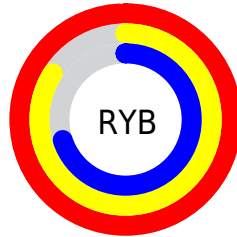
Distribution



Red (99%)

Green (79%)

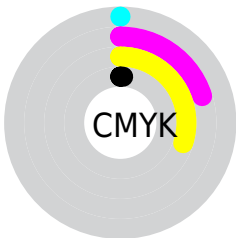
Blue (70%)



Red (99%)

Yellow (84%)

Blue (70%)

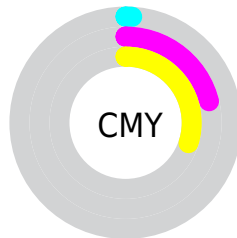


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 23.929, 51.978 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, 23.929, 51.978 by changing the saturation by 10% instead.

 85, 23.929, 51.978

 85, 23.929, 51.978

 100, 23.929,
51.978

 75, 23.929, 51.978

 65, 23.929, 51.978

 55, 23.929, 51.978

 45, 23.929, 51.978

 35, 23.929, 51.978

 25, 23.929, 51.978

 15, 23.929, 51.978

 5, 23.929, 51.978

 0, 23.929, 51.978

85, 23.929, 51.978

85, 23.929, 51.978

80, 33.243, 51.450

90, 15.275, 52.601

76, 43.231, 51.014

94, 7.240, 53.254

72, 53.838, 50.681

99, 0.232, 236.623

68, 64.877, 50.414

100, 0.868,
200.114

65, 75.878, 50.079

61, 85.810, 49.343

59, 93.275, 47.807

59, 93.495, 47.766

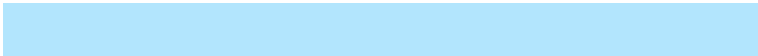
Harmonies

Complementary

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



85, 23.929, 51.978



88, 20.126, 237.308

Rectangle

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



85, 23.929, 51.978



85, 23.929, 101.978



85, 23.929, 231.978



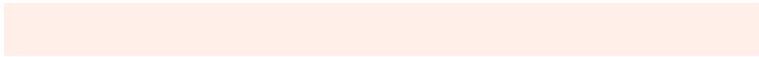
85, 23.929, 281.978

Sweetspot

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



85, 23.928, 51.986



96, 6.764, 53.297



81, 37.871, 337.181



50, 4.725, 53.205



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, 23.928, 51.986



83, 29.971, 51.635



94, 31.653, 97.936



51, 4.281, 53.265



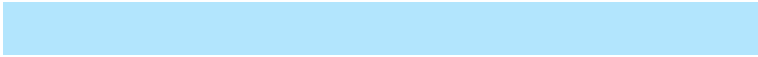
45, 75.398, 48.344



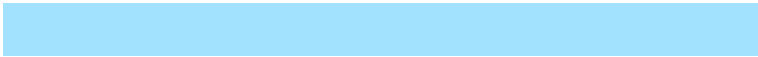
13, 28.299, 45.375

Inverse Universe

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



88, 20.126, 237.308



87, 24.146, 238.328



78, 32.913, 285.575



51, 4.075, 234.941



52, 40.826, 259.905



16, 17.666, 252.738

Previews

White Background



This preview shows how the CIELCh color 85, 23.929, 51.978 looks on a white background.

Color Contrast Check

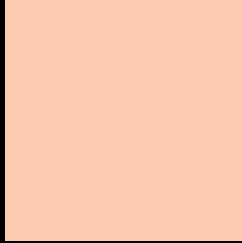
Large Text (above 18pt) WCAG AA × Fail

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, 23.929, 51.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

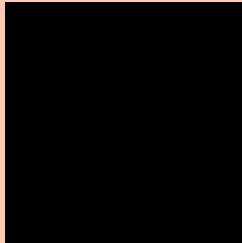
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 23.929, 51.978

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.929, 51.978.



This preview shows how white text looks on a background with the CIELCh color 85, 23.929, 51.978.

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, 23.929, 51.978

Protanopia
85, 15.744, 93.312

Deuteranopia
85, 21.932, 60.068



Tritanopia
85, 22.877, 1.299

Trichromacy



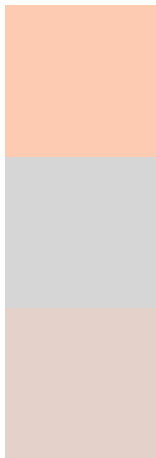
Original Color
85, 23.929, 51.978

Protanomaly
85, 17.437, 73.580

Deuteranomaly
85, 22.551, 57.203

Tritanomaly
85, 20.931, 21.014

Monochromacy



Original Color
85, 23.929, 51.978

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 8.238, 50.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.929, 51.978 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, 202, 178)` looks like.

```
.text, #text, p{  
    color:rgb(253, 202, 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(253, 202, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 202, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.929, 51.978 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, 202, 178) }
```

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

```
.border{ border-color:rgb(253, 202, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 202, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 202, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 202, 178);  
box-shadow:4px 4px 4px 4px rgb(253, 202,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.929, 51.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 202, 178) }
```

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

```
.background{ background-color: rgb(253,  
202, 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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