

Converting Colors

CIELCh(90, 8.137, 24.893)

Have a look what the booklet for
CIELCh(90, 8.137, 24.893) contains.

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Color

CIELCh(90, 8.430, 23.443)

Conversions

Conversions Part 1

Format	Color
Hex	F4DDDC
RGB	244, 221, 220
RGB Percent	96%, 87%, 86%
CMY	0.0421, 0.1323, 0.1363
CMYK	0.00, 0.09, 0.10, 0.04
HSL	3°, 53%, 91%
HSV	3°, 10%, 96%
XYZ	76.2697, 76.3034, 78.5910
YIQ	227.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

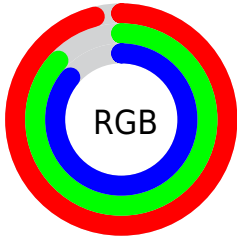
Format	Color
RYB	244, 221, 220
Decimal	16047580
CIELab	90.00, 7.73, 3.35
CIELCh	90, 8.430, 23.443
Yxy	76.3034, 0.3299, 0.3301
Android (android.graphics.Color)	4294237660 (0xFFFF4DDDC)
YUV	227.7630, -3.8272, 14.2398
Hunter-Lab	87.3518, 2.9886, 7.8027

Details

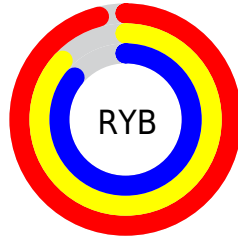
The CIELCh color **90, 8.430, 23.443** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 7.909, 202.729**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 8.546, 23.744** is the 20% darker color. If you saturate the color by 10%, you get **84, 17.711, 24.161**, and if you desaturate by 10%, it is **96, 0.142, 207.606**.

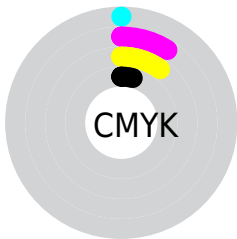
Distribution



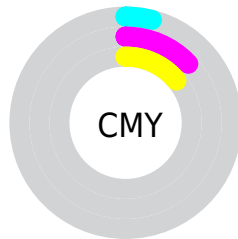
- Red (96%)
- Green (87%)
- Blue (86%)



- Red (96%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (4%)

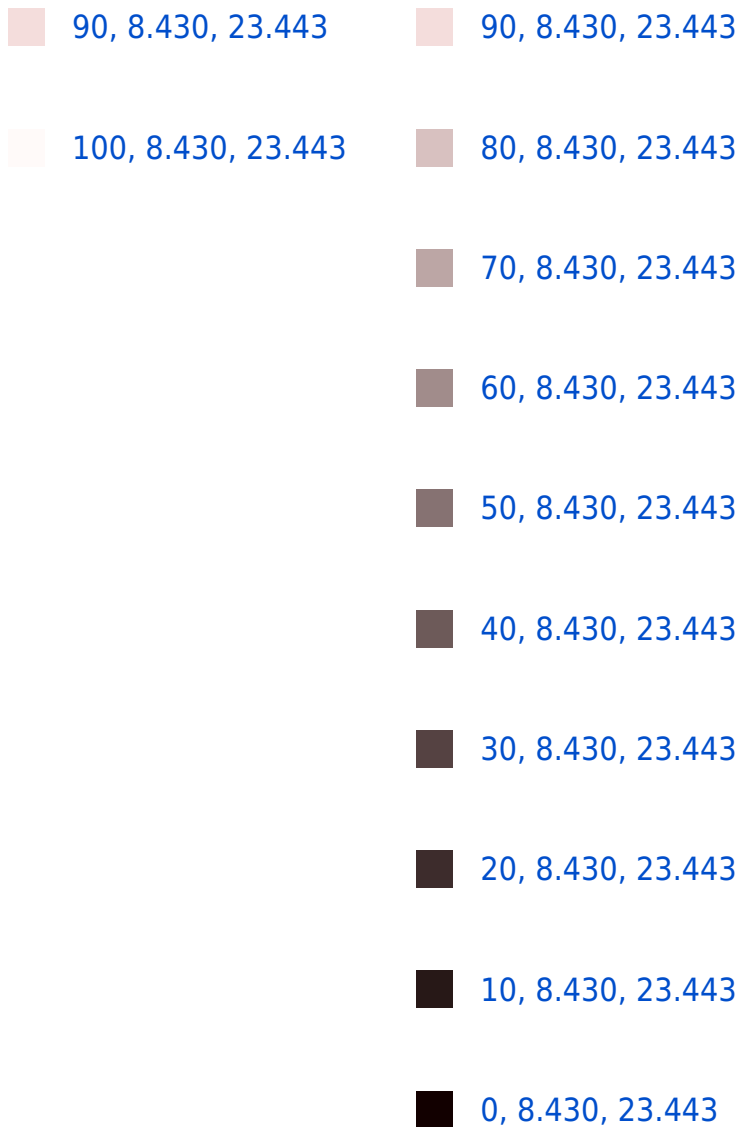


- Cyan (4%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.430, 23.443 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 90, 8.430, 23.443 by changing the saturation by 10% instead.



90, 8.430, 23.443

90, 8.430, 23.443

84, 17.711, 24.161

96, 0.142, 207.606

78, 27.732, 25.061

99, 3.712, 199.348

72, 38.462, 26.253

67, 49.798, 27.827

62, 61.531, 29.874

58, 73.324, 32.443

55, 84.627, 35.427

52, 94.336, 38.317

51, 100.619,
40.272

Harmonies

Complementary

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



90, 8.430, 23.443



94, 7.909, 202.729

Rectangle

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



90, 8.430, 23.443



90, 8.430, 73.443



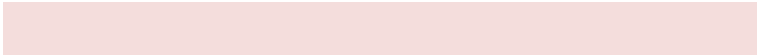
90, 8.430, 203.443



90, 8.430, 253.443

Sweetspot

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



90, 8.428, 23.459



98, 2.592, 22.926



90, 14.783, 325.872



52, 1.971, 23.018



0, 0.000, 0.000



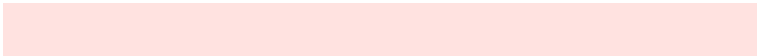
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 8.428, 23.459



92, 10.753, 23.603



93, 7.737, 77.655



48, 4.876, 23.436



39, 81.969, 40.436



9, 30.126, 27.225

Inverse Universe

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



94, 7.909, 202.729



98, 9.941, 202.633



91, 7.598, 260.311



50, 4.586, 202.744



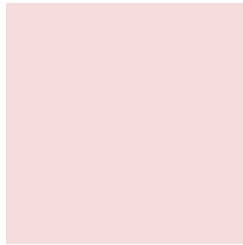
66, 37.382, 203.249



21, 16.737, 202.291

Previews

White Background



This preview shows how the CIELCh color 90, 8.430, 23.443 looks on a white background.

Color Contrast Check

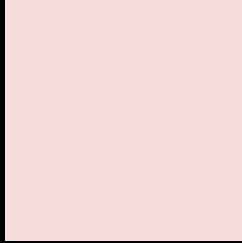
Large Text (above 18pt) WCAG AA × Fail

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 90, 8.430, 23.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

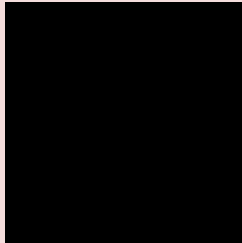
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

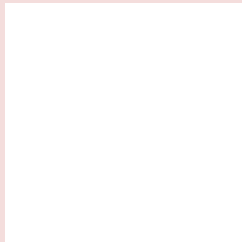
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.430, 23.443

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.430, 23.443.

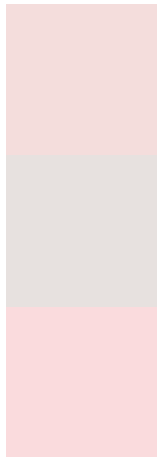


This preview shows how white text looks on a background with the CIELCh color 90, 8.430, 23.443.

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

90, 8.430, 23.443

Protanopia

90, 2.385, 45.019

Deuteranopia

90, 11.416, 15.002



Tritanopia
90, 13.107, 338.062

Trichromacy



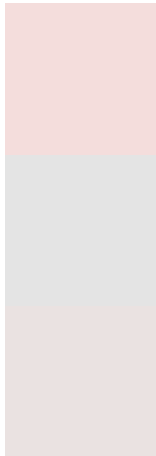
Original Color
90, 8.430, 23.443

Protanomaly
90, 4.463, 32.971

Deuteranomaly
90, 10.269, 17.211

Tritanomaly
90, 10.415, 350.305

Monochromacy



Original Color
90, 8.430, 23.443

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.921, 29.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.430, 23.443 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(244, 221, 220)` looks like.

```
.text, #text, p{  
  color:rgb(244, 221, 220)  
}
```

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(244, 221, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 221, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.430, 23.443 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(244, 221, 220) }
```

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

```
.border{ border-color:rgb(244, 221, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 221, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 221, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 221, 220);  
box-shadow:4px 4px 4px 4px rgb(244, 221,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.430, 23.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 221, 220) }
```

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

```
.background{ background-color: rgb(244,  
221, 220) }
```

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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