

Converting Colors

CIELCh(90, 9.070, 42.327)

Have a look what the booklet for
CIELCh(90, 9.070, 42.327) contains.

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Color

CIELCh(90, 8.887, 43.858)

Conversions

Conversions Part 1

Format	Color
Hex	F4DED7
RGB	244, 222, 215
RGB Percent	96%, 87%, 84%
CMY	0.0435, 0.1298, 0.1573
CMYK	0.00, 0.09, 0.12, 0.04
HSL	14°, 57%, 90%
HSV	14°, 12%, 96%
XYZ	75.6185, 76.3034, 74.9635
YIQ	227.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

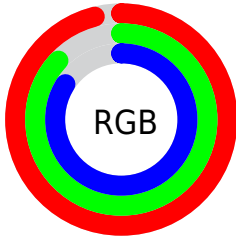
Format	Color
RYB	244, 224, 215
Decimal	16047831
CIELab	90.00, 6.41, 6.16
CIElCh	90, 8.887, 43.858
Yxy	76.3034, 0.3333, 0.3363
Android (android.graphics.Color)	4294237911 (0xFFFF4DED7)
YUV	227.7800, -6.3005, 14.2249
Hunter-Lab	87.3518, 1.6579, 10.2648

Details

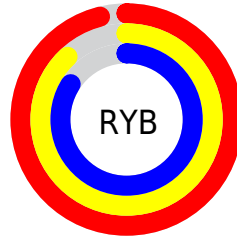
The CIELCh color **90, 8.887, 43.858** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 8.265, 225.072**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 9.081, 44.764** is the 20% darker color. If you saturate the color by 10%, you get **85, 17.043, 43.623**, and if you desaturate by 10%, it is **95, 1.354, 43.863**.

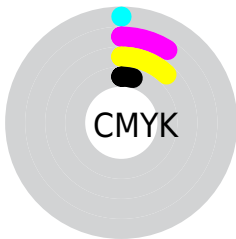
Distribution



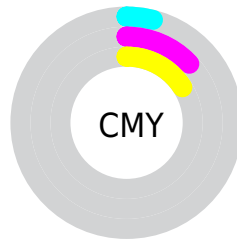
- Red (96%)
- Green (87%)
- Blue (84%)



- Red (96%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (4%)

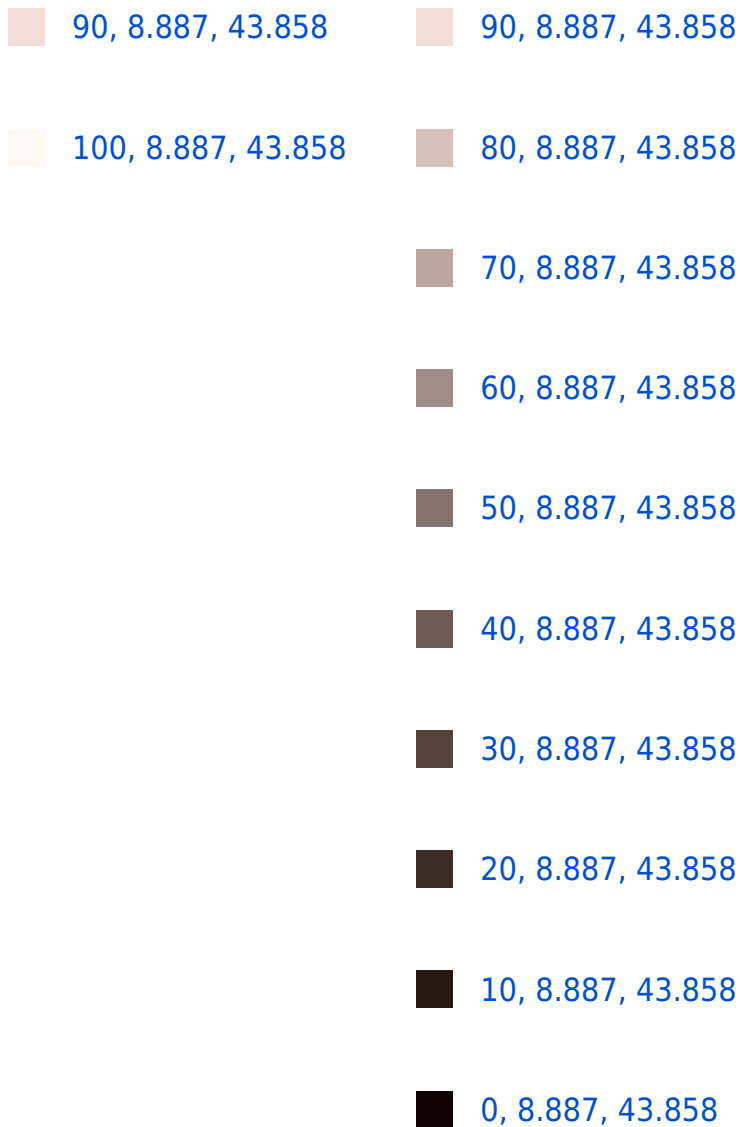


- Cyan (4%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.887, 43.858 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, 8.887, 43.858 by changing the saturation by 10% instead.



90, 8.887, 43.858

90, 8.887, 43.858

85, 17.043, 43.623

95, 1.354, 43.863

80, 25.879, 43.464

99, 3.835, 199.335

75, 35.429, 43.447

71, 45.688, 43.602

66, 56.577, 43.942

62, 67.866, 44.434

59, 79.008, 44.918

56, 88.788, 44.963

54, 94.756, 44.441

Harmonies

Complementary

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



90, 8.887, 43.858



92, 8.265, 225.072

Rectangle

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



90, 8.887, 43.858



90, 8.887, 93.858



90, 8.887, 223.858



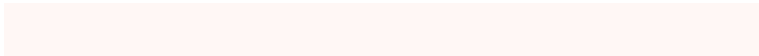
90, 8.887, 273.858

Sweetspot

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



90, 8.886, 43.876



98, 3.002, 44.021



89, 15.552, 332.468



52, 2.140, 44.025



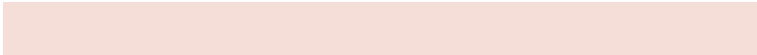
0, 0.000, 0.000



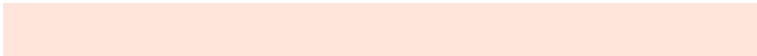
53, 0.007, 296.813

Same Dimension

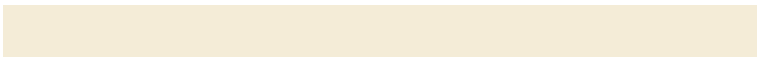
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 8.886, 43.876



93, 10.943, 43.817



94, 11.266, 94.643



48, 4.219, 43.940



42, 76.902, 44.909



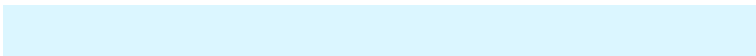
11, 26.876, 38.482

Inverse Universe

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



92, 8.265, 225.072



95, 10.034, 225.196



89, 11.343, 277.649



50, 3.986, 224.948



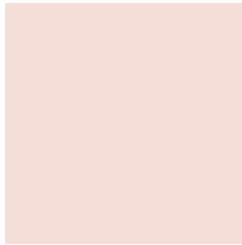
55, 35.797, 244.507



16, 15.504, 237.680

Previews

White Background



This preview shows how the CIELCh color 90, 8.887, 43.858 looks on a white background.

Color Contrast Check

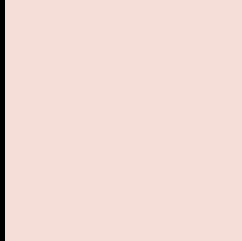
Large Text (above 18pt) WCAG AA × Fail

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, 8.887, 43.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

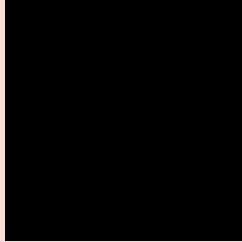
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

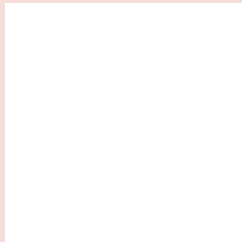
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.887, 43.858

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.887, 43.858.

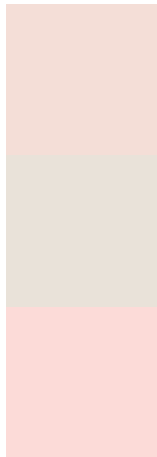


This preview shows how white text looks on a background with the CIELCh color 90, 8.887, 43.858.

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, 8.887, 43.858

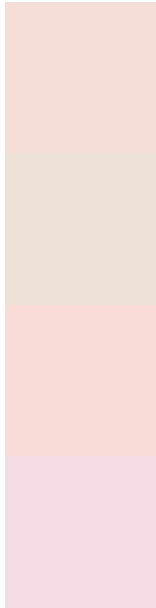
Protanopia
90, 5.292, 80.937

Deuteranopia
90, 12.322, 27.426



Tritanopia
90, 13.374, 339.132

Trichromacy



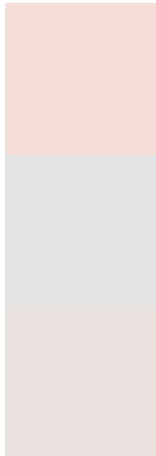
Original Color
90, 8.887, 43.858

Protanomaly
90, 6.388, 66.266

Deuteranomaly
90, 10.920, 30.983

Tritanomaly
90, 10.292, 356.396

Monochromacy



Original Color
90, 8.887, 43.858

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.266, 47.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.887, 43.858 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, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 222, 215)  
}
```

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, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 222, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.887, 43.858 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, 222, 215) }
```

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

```
.border{ border-color:rgb(244, 222, 215) }
```

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

Here you see how a box with a 4 pixel rgb(244, 222, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 222,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.887, 43.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 222, 215) }
```

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

```
.background{ background-color: rgb(244,  
222, 215) }
```

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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