

Converting Colors

CIELCh(90, 17.310, 87.217)

Have a look what the booklet for
CIELCh(90, 17.310, 87.217) contains.

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Color

CIELCh(90, 17.156, 88.051)

Conversions

Conversions Part 1

Format	Color
Hex	F1E1C2
RGB	241, 225, 194
RGB Percent	95%, 88%, 76%
CMY	0.0556, 0.1184, 0.2399
CMYK	0.00, 0.07, 0.20, 0.06
HSL	40°, 62%, 85%
HSV	40°, 20%, 94%
XYZ	72.8023, 76.3034, 61.8230
YIQ	226.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

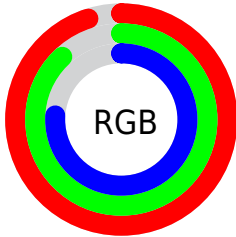
Format	Color
R _Y B	218, 241, 194
Decimal	15851970
CIE Lab	90.00, 0.58, 17.15
CIE LCh	90, 17.156, 88.051
Yxy	76.3034, 0.3452, 0.3617
Android (android.graphics.Color)	4294042050 (0xFFFF1E1C2)
YUV	226.2500, -15.8993, 12.9358
Hunter-Lab	87.3518, -4.0971, 19.1839

Details

The CIELCh color **90, 17.156, 88.051** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 17.058, 273.373**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **70, 17.456, 88.047** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.231, 86.726**, and if you desaturate by 10%, it is **93, 8.267, 89.339**.

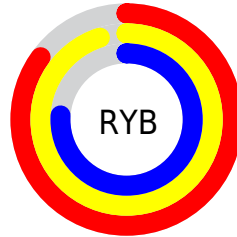
Distribution



Red (95%)

Green (88%)

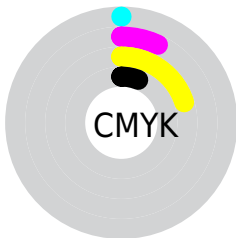
Blue (76%)



Red (85%)

Yellow (95%)

Blue (76%)

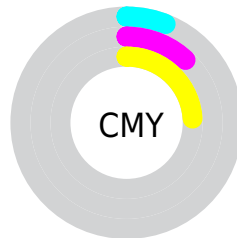


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 17.156, 88.051 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, 17.156, 88.051 by changing the saturation by 10% instead.

90, 17.156, 88.051

90, 17.156, 88.051

100, 17.156,
88.051

80, 17.156, 88.051

70, 17.156, 88.051

60, 17.156, 88.051

50, 17.156, 88.051

40, 17.156, 88.051

30, 17.156, 88.051

20, 17.156, 88.051

10, 17.156, 88.051

0, 17.156, 88.051

90, 17.156, 88.051

90, 17.156, 88.051

87, 26.231, 86.726

93, 8.267, 89.339

85, 35.451, 85.350

95, 0.429, 271.284

83, 44.726, 83.930

98, 4.081, 243.941

80, 53.875, 82.455

99, 4.888, 199.231

78, 62.549, 80.888

76, 70.147, 79.151

74, 75.781, 77.096

72, 78.866, 74.574

72, 78.998, 74.450

Harmonies

Complementary

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



90, 17.156, 88.051



84, 17.058, 273.373

Rectangle

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



90, 17.156, 88.051



90, 17.156, 138.051



90, 17.156, 268.051



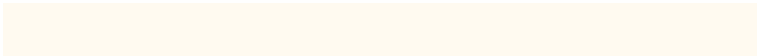
90, 17.156, 318.051

Sweetspot

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



90, 17.157, 88.060



98, 5.436, 89.761



83, 19.383, 354.530



52, 3.609, 89.684



0, 0.000, 0.000



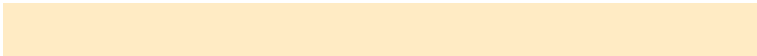
53, 0.007, 296.813

Same Dimension

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



90, 17.157, 88.060



94, 21.268, 87.591



94, 24.148, 114.593



49, 4.919, 89.344



56, 64.468, 75.000



16, 24.480, 77.780

Inverse Universe

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



84, 17.058, 273.373



86, 21.116, 273.978



80, 25.225, 297.725



47, 4.914, 271.849



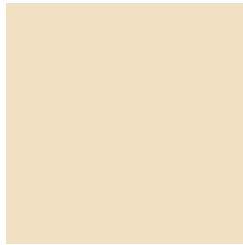
32, 75.546, 296.190



7, 27.909, 289.585

Previews

White Background



This preview shows how the CIELCh color 90, 17.156, 88.051 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 CIELCh color 90, 17.156, 88.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

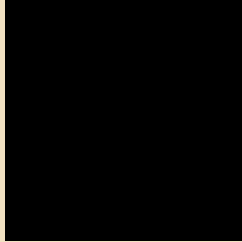
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 17.156, 88.051

Background



This preview shows how black text looks on a background with the CIELCh color 90, 17.156, 88.051.

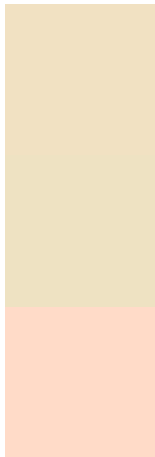


This preview shows how white text looks on a background with the CIELCh color 90, 17.156, 88.051.

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, 17.156, 88.051

Protanopia

90, 17.153, 93.398

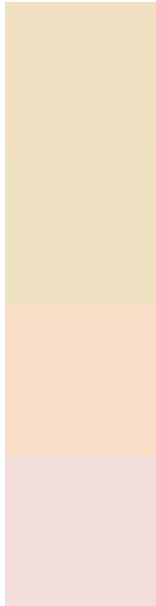
Deuteranopia

90, 16.951, 55.399



Tritanopia
90, 13.107, 338.062

Trichromacy



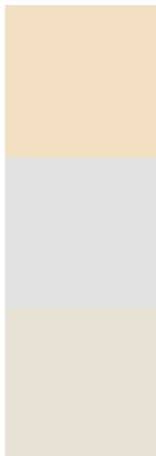
Original Color
90, 17.156, 88.051

Protanomaly
90, 17.260, 92.172

Deuteranomaly
90, 16.299, 66.535

Tritanomaly
90, 8.402, 19.935

Monochromacy



Original Color
90, 17.156, 88.051

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.461, 93.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 17.156, 88.051 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(241, 225, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 225, 194)  
}
```

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(241, 225, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 225, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 17.156, 88.051 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(241, 225, 194) }
```

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

```
.border{ border-color:rgb(241, 225, 194) }
```

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

Here you see how a box with a 4 pixel rgb(241, 225, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 225,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 17.156, 88.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 225, 194) }
```

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

```
.background{ background-color: rgb(241,  
225, 194) }
```

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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