

Converting Colors

CIELCh(90, 28.252, 81.971)

Have a look what the booklet for
CIELCh(90, 28.252, 81.971) contains.

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Color

CIELCh(90, 28.433, 81.638)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FEDEAD |
| RGB | 254, 222, 173 |
| RGB Percent | 100%, 87%, 68% |
| CMY | 0.0041, 0.1295, 0.3217 |
| CMYK | 0.00, 0.13, 0.32, 0.00 |
| HSL | 36°, 98%, 84% |
| HSV | 36°, 32%, 100% |
| XYZ | 74.5110, 76.3034, 50.3192 |
| YIQ | 225.9820, 34.8010, -8.4550 |

Conversions

Conversions Part 2

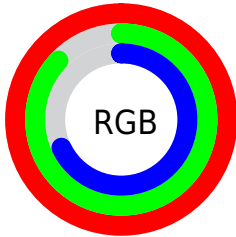
| Format | Color |
|-------------------------------------|---|
| RYB | 226, 254, 173 |
| Decimal | 16703149 |
| CIELab | 90.00, 4.13, 28.13 |
| CIELCh | 90, 28.433, 81.638 |
| Yxy | 76.3034, 0.3705, 0.3794 |
| Android (android.graphics.Color) | 4294893229 (0xFFFEDEAD) |
| YUV | 225.9820, -26.1201, 24.5718 |
| Hunter-Lab | 87.3518, -0.6054, 26.9921 |

Details

The CIELCh color **90, 28.433, 81.638** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.476, 271.082**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **70, 28.522, 81.970** is the 20% darker color. If you saturate the color by 10%, you get **87, 37.865, 80.244**, and if you desaturate by 10%, it is **93, 19.231, 83.005**.

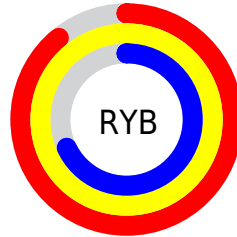
Distribution



Red (100%)

Green (87%)

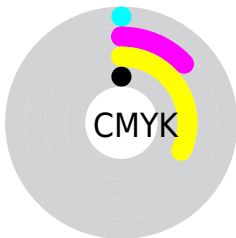
Blue (68%)



Red (89%)

Yellow (100%)

Blue (68%)

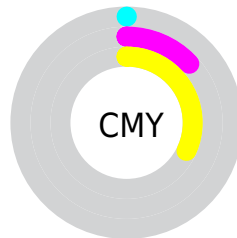


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 28.433, 81.638 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, 28.433, 81.638 by changing the saturation by 10% instead.

90, 28.433, 81.638

90, 28.433, 81.638

100, 28.433,
81.638

80, 28.433, 81.638

70, 28.433, 81.638

60, 28.433, 81.638

50, 28.433, 81.638

40, 28.433, 81.638

30, 28.433, 81.638

20, 28.433, 81.638

10, 28.433, 81.638

0, 28.433, 81.638

90, 28.433, 81.638

90, 28.433, 81.638

87, 37.865, 80.244

93, 19.231, 83.005

84, 47.436, 78.799

96, 10.287, 84.317

82, 56.953, 77.288

99, 1.604, 85.423

79, 66.032, 75.657

100, 0.360,
201.223

76, 73.980, 73.785

74, 79.776, 71.456

72, 82.587, 69.141

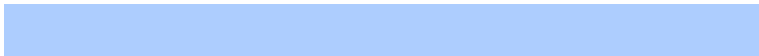
Harmonies

Complementary

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



90, 28.433, 81.638



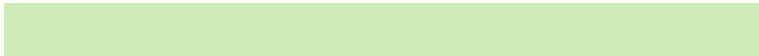
82, 27.476, 271.082

Rectangle

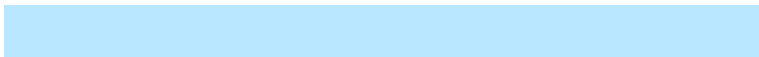
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 28.433, 81.638



90, 28.433, 131.638



90, 28.433, 261.638



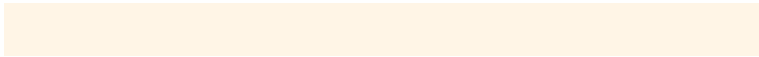
90, 28.433, 311.638

Sweetspot

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



90, 28.434, 81.644



97, 8.653, 84.557



79, 34.388, 352.803



51, 5.917, 84.379



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, 28.434, 81.644



89, 34.284, 80.792



97, 40.748, 111.482



52, 4.916, 84.620



56, 66.656, 69.769



18, 27.422, 72.362

Inverse Universe

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



82, 27.476, 271.082



79, 32.913, 272.420



74, 44.044, 297.437



50, 4.879, 267.198



36, 71.201, 292.865



10, 28.596, 287.190

Previews

White Background



This preview shows how the CIE LCh color 90, 28.433, 81.638 looks on a white background.

Color Contrast Check

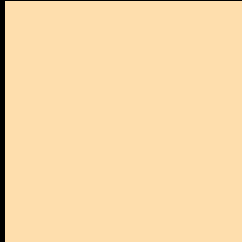
Large Text (above 18pt) WCAG AA × Fail

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, 28.433, 81.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

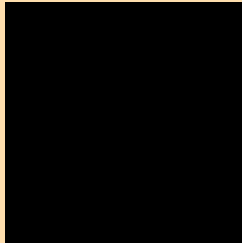
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 28.433, 81.638

Background



This preview shows how black text looks on a background with the CIELCh color 90, 28.433, 81.638.

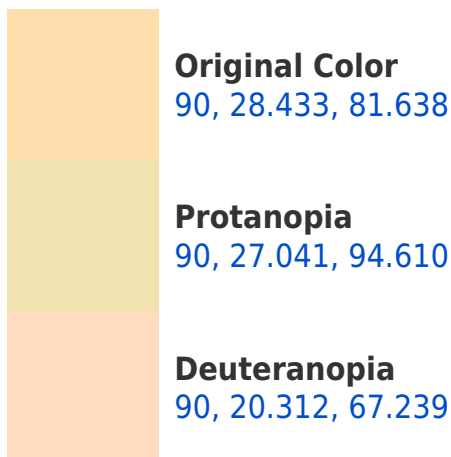



This preview shows how white text looks on a background with the CIELCh color 90, 28.433, 81.638.

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](#).

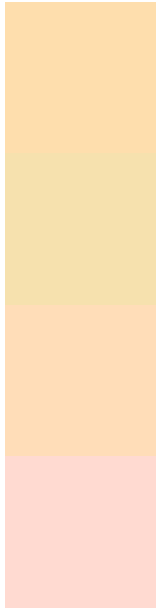
Dichromacy





Tritanopia
90, 15.883, 353.466

Trichromacy



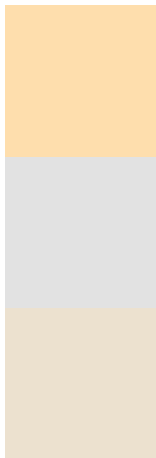
Original Color
90, 28.433, 81.638

Protanomaly
90, 27.609, 90.605

Deuteranomaly
90, 23.414, 74.104

Tritanomaly
90, 14.678, 38.703

Monochromacy



Original Color
90, 28.433, 81.638

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 10.163, 85.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 28.433, 81.638 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(254, 222, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 173)  
}
```

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(254, 222, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 28.433, 81.638 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(254, 222, 173) }
```

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

```
.border{ border-color:rgb(254, 222, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 222, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 28.433, 81.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 173) }
```

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

```
.background{ background-color: rgb(254,  
222, 173) }
```

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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