

Converting Colors

CIELCh(98, 54.668, 47.293)

Have a look what the booklet for
CIELCh(98, 54.668, 47.293) contains.

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Color

CIELCh(90, 28.150, 78.652)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDAE
RGB	255, 221, 174
RGB Percent	100%, 87%, 68%
CMY	0.0000, 0.1329, 0.3174
CMYK	0.00, 0.13, 0.32, 0.00
HSL	35°, 100%, 84%
HSV	35°, 32%, 100%
XYZ	75.1938, 76.3034, 50.8394
YIQ	225.8080, 35.3510, -7.4090

Conversions

Conversions Part 2

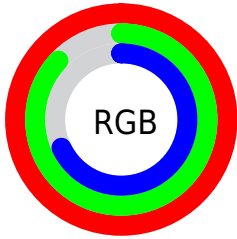
Format	Color
RYB	233, 255, 174
Decimal	16768430
CIELab	90.00, 5.54, 27.60
CIELCh	90, 28.150, 78.652
Yxy	76.3034, 0.3716, 0.3771
Android (android.graphics.Color)	4294958510 (0xFFFFDDAE)
YUV	225.8080, -25.5413, 25.6014
Hunter-Lab	87.3518, 0.7900, 26.6390

Details

The CIELCh color **90, 28.150, 78.652** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.669, 268.880**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **70, 27.989, 79.614** is the 20% darker color. If you saturate the color by 10%, you get **87, 37.300, 78.081**, and if you desaturate by 10%, it is **93, 18.802, 80.826**.

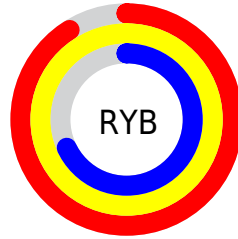
Distribution



Red (100%)

Green (87%)

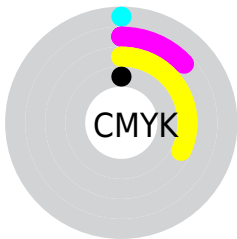
Blue (68%)



Red (91%)

Yellow (100%)

Blue (68%)

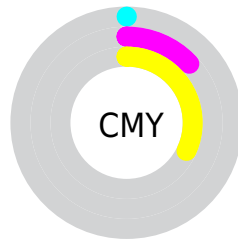


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 28.150, 78.652 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, 28.150, 78.652 by changing the saturation by 10% instead.

 90, 28.150, 78.652

 90, 28.150, 78.652

 100, 28.150,
78.652

 80, 28.150, 78.652

 70, 28.150, 78.652

 60, 28.150, 78.652

 50, 28.150, 78.652

 40, 28.150, 78.652

 30, 28.150, 78.652

 20, 28.150, 78.652

 10, 28.150, 78.652

 0, 28.150, 78.652

90, 28.150, 78.652

90, 28.150, 78.652

87, 37.300, 78.081

93, 18.802, 80.826

84, 46.879, 76.650

96, 9.980, 82.134

81, 56.474, 75.155

99, 1.447, 83.204

78, 65.720, 73.539

100, 0.012,
296.813

76, 73.937, 71.674

73, 80.089, 69.327

71, 83.240, 66.918

Harmonies

Complementary

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



90, 28.150, 78.652



83, 26.669, 268.880

Rectangle

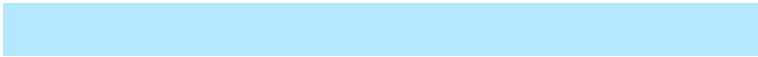
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 28.150, 78.652



90, 28.150, 128.652



90, 28.150, 258.652



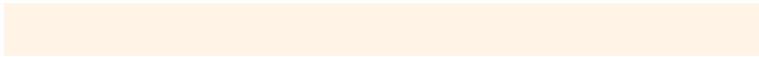
90, 28.150, 308.652

Sweetspot

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



90, 27.916, 79.472



97, 8.474, 82.355



80, 34.928, 350.668



51, 5.796, 82.177



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, 27.916, 79.472



88, 33.761, 78.606



98, 40.618, 110.032



52, 4.814, 82.417



55, 66.937, 67.580



17, 27.246, 69.995

Inverse Universe

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



83, 26.669, 268.880



79, 31.949, 270.261



74, 43.926, 296.337



50, 4.763, 265.006



37, 68.210, 291.163



10, 27.442, 285.284

Previews

White Background



This preview shows how the CIELCh color 90, 28.150, 78.652 looks on a white background.

Color Contrast Check

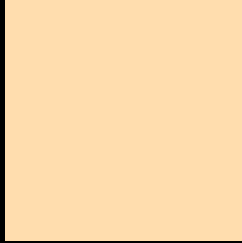
Large Text (above 18pt) WCAG AA × Fail

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, 28.150, 78.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

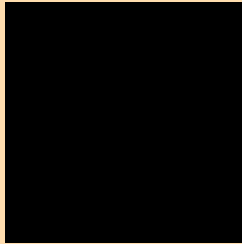
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 28.150, 78.652

Background



This preview shows how black text looks on a background with the CIELCh color 90, 28.150, 78.652.



This preview shows how white text looks on a background with the CIELCh color 90, 28.150, 78.652.

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, 27.919, 79.374

Protanopia

90, 26.449, 95.243

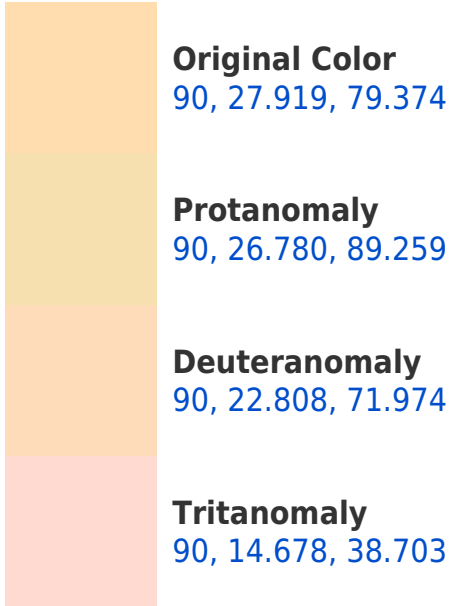
Deuteranopia

90, 20.312, 67.239



Tritanopia
90, 15.672, 355.171

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 28.150, 78.652 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(255, 221, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 174)  
}
```

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(255, 221, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 28.150, 78.652 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(255, 221, 174) }
```

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

```
.border{ border-color:rgb(255, 221, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 174); box-shadow:4px 4px 4px 4px rgb(255, 221, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 28.150, 78.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 174) }
```

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

```
.background{ background-color: rgb(255,  
221, 174) }
```

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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