

Converting Colors

CIELCh(90, 26.332, 79.828)

Have a look what the booklet for
CIELCh(90, 26.332, 79.828) contains.

CIELCh(90, 26.572, 79.965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(90, 26.572, 79.965)

Conversions

Conversions Part 1

Format	Color
Hex	FEDEB1
RGB	254, 222, 177
RGB Percent	100%, 87%, 69%
CMY	0.0049, 0.1303, 0.3068
CMYK	0.00, 0.13, 0.30, 0.00
HSL	35°, 97%, 84%
HSV	35°, 30%, 100%
XYZ	74.7513, 76.3034, 52.2623
YIQ	226.4380, 33.5170, -7.2110

Conversions

Conversions Part 2

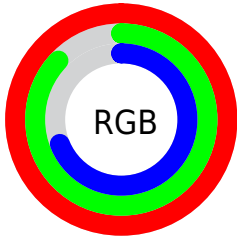
Format	Color
R _Y B	232, 254, 177
Decimal	16703153
CIE Lab	90.00, 4.63, 26.17
CIE LCh	90, 26.572, 79.965
Yxy	76.3034, 0.3677, 0.3753
Android (android.graphics.Color)	4294893233 (0xFFFEDEB1)
YUV	226.4380, -24.3729, 24.1719
Hunter-Lab	87.3518, -0.1142, 25.6733

Details

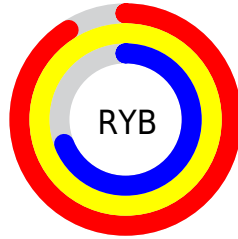
The CIELCh color **90, 26.572, 79.965** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 25.480, 268.894**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **70, 26.559, 80.340** is the 20% darker color. If you saturate the color by 10%, you get **87, 35.895, 78.585**, and if you desaturate by 10%, it is **93, 17.520, 81.321**.

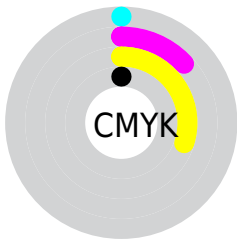
Distribution



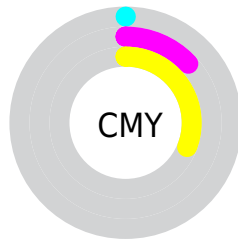
- Red (100%)
- Green (87%)
- Blue (69%)



- Red (91%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 26.572, 79.965 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, 26.572, 79.965 by changing the saturation by 10% instead.

 90, 26.572, 79.965

 90, 26.572, 79.965

 100, 26.572,
79.965

 80, 26.572, 79.965

 70, 26.572, 79.965

 60, 26.572, 79.965

 50, 26.572, 79.965

 40, 26.572, 79.965

 30, 26.572, 79.965

 20, 26.572, 79.965

 10, 26.572, 79.965

 0, 26.572, 79.965

90, 26.572, 79.965

90, 26.572, 79.965

87, 35.895, 78.585

93, 17.520, 81.321

84, 45.420, 77.158

96, 8.754, 82.621

81, 54.985, 75.672

99, 0.271, 82.611

78, 64.260, 74.076

100, 0.435,
200.903

76, 72.617, 72.257

73, 79.067, 69.999

71, 82.865, 67.230

Harmonies

Complementary

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



90, 26.572, 79.965



83, 25.480, 268.894

Rectangle

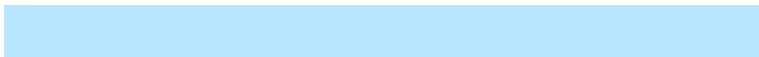
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 26.572, 79.965



90, 26.572, 129.965



90, 26.572, 259.965



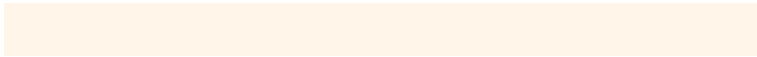
90, 26.572, 309.965

Sweetspot

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



90, 26.573, 79.972



97, 7.635, 82.788



80, 32.934, 351.534



51, 5.319, 82.606



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

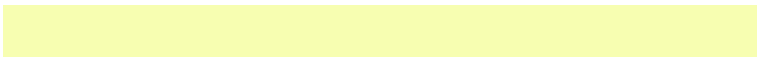
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 26.573, 79.972



89, 31.950, 79.189



98, 38.742, 110.883



52, 4.827, 82.725



55, 66.891, 67.879



18, 27.268, 70.322

Inverse Universe

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



83, 25.480, 268.894



80, 30.382, 270.108



75, 41.710, 296.687



50, 4.778, 265.313



37, 68.619, 291.405



10, 27.599, 285.554

Previews

White Background



This preview shows how the CIE LCh color 90, 26.572, 79.965 looks on a white background.

Color Contrast Check

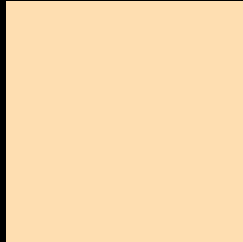
Large Text (above 18pt) WCAG AA × Fail

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, 26.572, 79.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

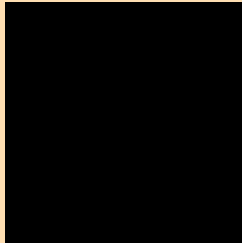
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 26.572, 79.965

Background



This preview shows how black text looks on a background with the CIELCh color 90, 26.572, 79.965.



This preview shows how white text looks on a background with the CIELCh color 90, 26.572, 79.965.

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, 26.572, 79.965

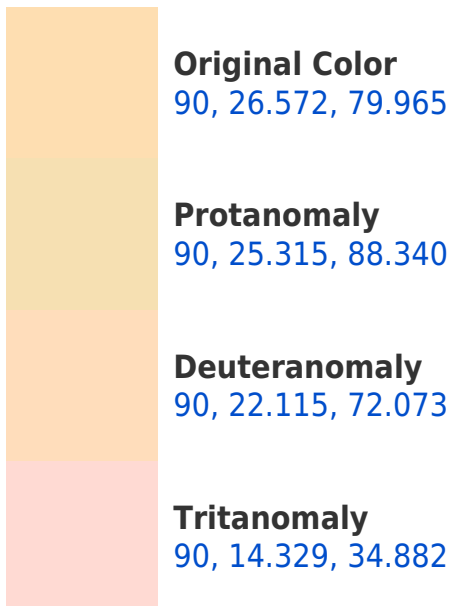
Protanopia
90, 24.948, 94.644

Deuteranopia
90, 19.519, 65.381



Tritanopia
90, 15.883, 353.466

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 26.572, 79.965 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 26.572, 79.965 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, 177) }
```

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

```
.border{ border-color:rgb(254, 222, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 222, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 222, 177); box-shadow:4px 4px 4px 4px rgb(254, 222, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 26.572, 79.965 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, 177) }
```

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

```
.background{ background-color: rgb(254,  
222, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor