

Converting Colors

CIELCh(90, 21.846, 72.111)

Have a look what the booklet for
CIELCh(90, 21.846, 72.111) contains.

CIELCh(90, 21.875, 72.888)	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, 21.875, 72.888)

Conversions

Conversions Part 1

Format	Color
Hex	FEDDBB
RGB	254, 221, 187
RGB Percent	100%, 87%, 73%
CMY	0.0043, 0.1337, 0.2670
CMYK	0.00, 0.13, 0.26, 0.00
HSL	30°, 97%, 86%
HSV	30°, 26%, 100%
XYZ	75.6325, 76.3034, 57.7064
YIQ	226.9910, 30.5820, -3.5780

Conversions

Conversions Part 2

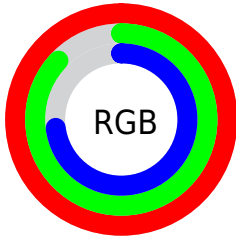
Format	Color
R _Y B	252, 254, 187
Decimal	16702907
CIE Lab	90.00, 6.44, 20.91
CIE LCh	90, 21.875, 72.888
Yxy	76.3034, 0.3608, 0.3640
Android (android.graphics.Color)	4294892987 (0xFFFE _D DBB)
YUV	226.9910, -19.7156, 23.6869
Hunter-Lab	87.3518, 1.6864, 21.9780

Details

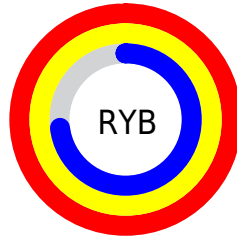
The CIELCh color **90, 21.875, 72.888** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 20.413, 260.313**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **70, 21.841, 72.280** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.878, 71.611**, and if you desaturate by 10%, it is **94, 13.272, 74.159**.

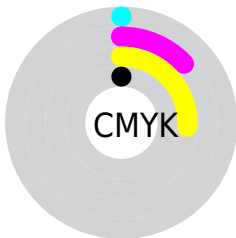
Distribution



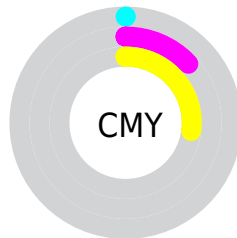
- Red (100%)
- Green (87%)
- Blue (73%)



- Red (99%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 21.875, 72.888 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, 21.875, 72.888 by changing the saturation by 10% instead.

 90, 21.875, 72.888

 90, 21.875, 72.888

 100, 21.875,
72.888

 80, 21.875, 72.888

 70, 21.875, 72.888

 60, 21.875, 72.888

 50, 21.875, 72.888

 40, 21.875, 72.888

 30, 21.875, 72.888

 20, 21.875, 72.888

 10, 21.875, 72.888

 0, 21.875, 72.888

90, 21.875, 72.888

90, 21.875, 72.888

86, 30.878, 71.611

94, 13.272, 74.159

83, 40.263, 70.310

97, 5.052, 75.361

80, 49.952, 68.983

100, 0.379,
201.129

77, 59.741, 67.592

74, 69.191, 66.039

71, 77.465, 64.118

68, 83.352, 61.478

67, 85.039, 60.420

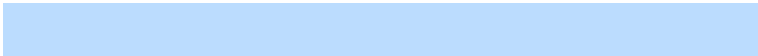
Harmonies

Complementary

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



90, 21.875, 72.888



86, 20.413, 260.313

Rectangle

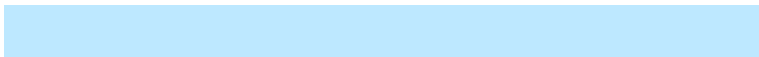
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 21.875, 72.888



90, 21.875, 122.888



90, 21.875, 252.888



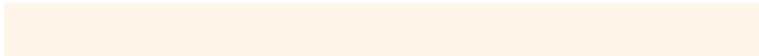
90, 21.875, 302.888

Sweetspot

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



90, 21.875, 72.896



97, 6.377, 75.178



83, 29.983, 346.078



51, 4.548, 75.001



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, 21.875, 72.896



88, 26.975, 72.176



98, 33.722, 107.601



51, 4.548, 75.001



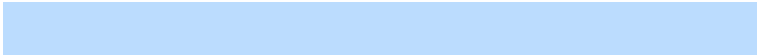
51, 68.482, 61.119



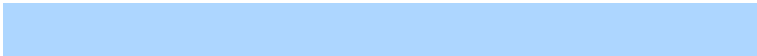
16, 27.009, 62.583

Inverse Universe

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



86, 20.413, 260.313



84, 24.756, 261.441



78, 35.935, 293.365



51, 4.452, 257.547



41, 59.198, 284.920



12, 24.059, 278.426

Previews

White Background



This preview shows how the CIE LCh color 90, 21.875, 72.888 looks on a white background.

Color Contrast Check

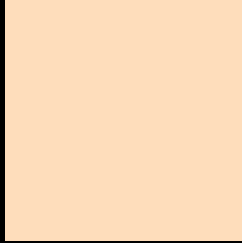
Large Text (above 18pt) WCAG AA × Fail

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, 21.875, 72.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

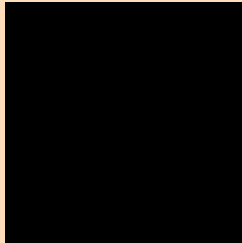
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 21.875, 72.888

Background



This preview shows how black text looks on a background with the CIELCh color 90, 21.875, 72.888.



This preview shows how white text looks on a background with the CIELCh color 90, 21.875, 72.888.

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, 21.875, 72.888

Protanopia

90, 19.753, 93.997

Deuteranopia

90, 18.007, 61.161



Tritanopia
90, 16.109, 351.809

Trichromacy



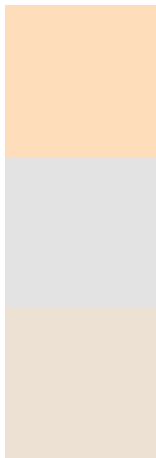
Original Color
90, 21.875, 72.888

Protanomaly
90, 20.175, 86.195

Deuteranomaly
90, 19.519, 65.381

Tritanomaly
90, 13.843, 26.745

Monochromacy



Original Color
90, 21.875, 72.888

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 8.039, 76.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 21.875, 72.888 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, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 187)  
}
```

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, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 21.875, 72.888 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, 221, 187) }
```

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

```
.border{ border-color:rgb(254, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 21.875, 72.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 187) }
```

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

```
.background{ background-color: rgb(254,  
221, 187) }
```

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