

Converting Colors

CIELCh(90, 23.097, 74.701)

Have a look what the booklet for
CIELCh(90, 23.097, 74.701) contains.

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Color

CIELCh(90, 23.185, 74.898)

Conversions

Conversions Part 1

Format	Color
Hex	FEDDB8
RGB	254, 221, 184
RGB Percent	100%, 87%, 72%
CMY	0.0036, 0.1330, 0.2781
CMYK	0.00, 0.13, 0.28, 0.00
HSL	32°, 97%, 86%
HSV	32°, 28%, 100%
XYZ	75.4387, 76.3034, 56.1403
YIQ	226.6490, 31.5450, -4.5110

Conversions

Conversions Part 2

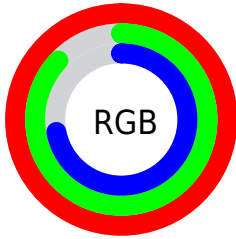
Format	Color
RYB	246, 254, 184
Decimal	16702904
CIELab	90.00, 6.04, 22.38
CIELCh	90, 23.185, 74.898
Yxy	76.3034, 0.3629, 0.3671
Android (android.graphics.Color)	4294892984 (0xFFFEADB8)
YUV	226.6490, -21.0260, 23.9868
Hunter-Lab	87.3518, 1.2905, 23.0410

Details

The CIELCh color **90, 23.185, 74.898** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 21.777, 262.798**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **70, 23.221, 74.354** is the 20% darker color. If you saturate the color by 10%, you get **87, 32.281, 73.583**, and if you desaturate by 10%, it is **93, 14.456, 76.202**.

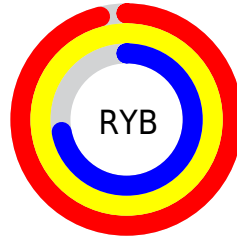
Distribution



Red (100%)

Green (87%)

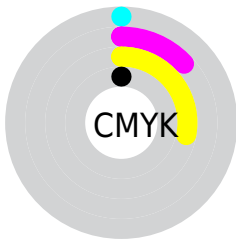
Blue (72%)



Red (96%)

Yellow (100%)

Blue (72%)

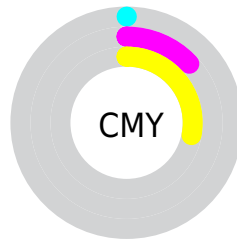


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 23.185, 74.898 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, 23.185, 74.898 by changing the saturation by 10% instead.

 90, 23.185, 74.898

 90, 23.185, 74.898

 100, 23.185,
74.898

 80, 23.185, 74.898

 70, 23.185, 74.898

 60, 23.185, 74.898

 50, 23.185, 74.898

 40, 23.185, 74.898

 30, 23.185, 74.898

 20, 23.185, 74.898

 10, 23.185, 74.898

 0, 23.185, 74.898

90, 23.185, 74.898

90, 23.185, 74.898

87, 32.281, 73.583

93, 14.456, 76.202

83, 41.713, 72.236

97, 6.087, 77.443

80, 51.383, 70.852

100, 0.319,
201.462

77, 61.053, 69.388

74, 70.230, 67.741

71, 78.021, 65.695

69, 83.291, 62.929

68, 84.369, 62.213

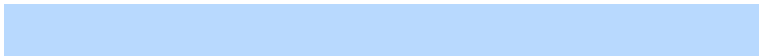
Harmonies

Complementary

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



90, 23.185, 74.898



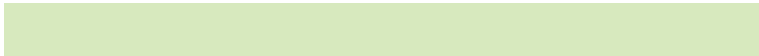
86, 21.777, 262.798

Rectangle

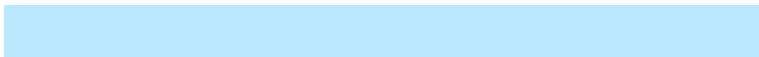
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 23.185, 74.898



90, 23.185, 124.898



90, 23.185, 254.898



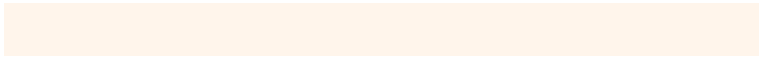
90, 23.185, 304.898

Sweetspot

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



90, 23.185, 74.906



97, 6.474, 77.390



82, 31.032, 347.160



51, 4.616, 77.210



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, 23.185, 74.906



88, 28.179, 74.187



98, 35.212, 108.217



51, 4.616, 77.210



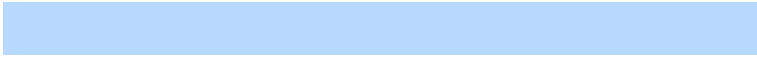
52, 67.942, 62.906



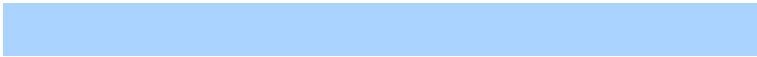
17, 27.029, 64.702

Inverse Universe

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



86, 21.777, 262.798



83, 26.101, 263.918



77, 37.645, 294.094



50, 4.533, 259.782



40, 61.718, 286.869



11, 24.992, 280.546

Previews

White Background



This preview shows how the CIE LCh color 90, 23.185, 74.898 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, 23.185, 74.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

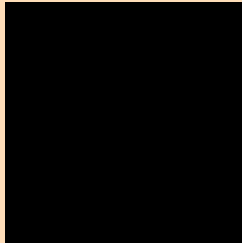
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 23.185, 74.898

Background



This preview shows how black text looks on a background with the CIELCh color 90, 23.185, 74.898.

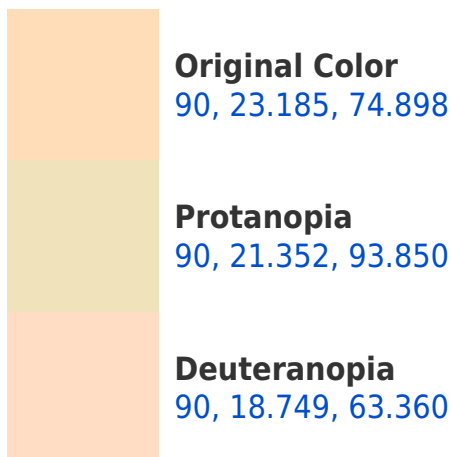


This preview shows how white text looks on a background with the CIELCh color 90, 23.185, 74.898.

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](#).

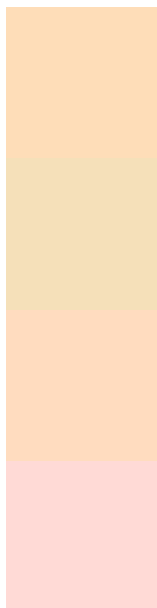
Dichromacy





Tritanopia
90, 16.109, 351.809

Trichromacy



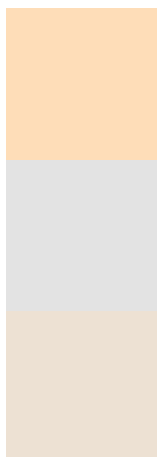
Original Color
90, 23.185, 74.898

Protanomaly
90, 21.773, 86.592

Deuteranomaly
90, 20.312, 67.239

Tritanomaly
90, 13.936, 28.831

Monochromacy



Original Color
90, 23.185, 74.898

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 8.480, 78.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 23.185, 74.898 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 23.185, 74.898 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, 184) }
```

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

```
.border{ border-color:rgb(254, 221, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 184);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 23.185, 74.898 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, 184) }
```

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

```
.background{ background-color: rgb(254,  
221, 184) }
```

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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