

Converting Colors

CIELCh(90, 24.003, 73.605)

Have a look what the booklet for
CIELCh(90, 24.003, 73.605) contains.

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Color

CIELCh(90, 23.854, 74.728)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDB7
RGB	255, 221, 183
RGB Percent	100%, 87%, 72%
CMY	0.0005, 0.1338, 0.2828
CMYK	0.00, 0.13, 0.28, 0.00
HSL	32°, 100%, 86%
HSV	32°, 28%, 100%
XYZ	75.5574, 76.3034, 55.4841
YIQ	226.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

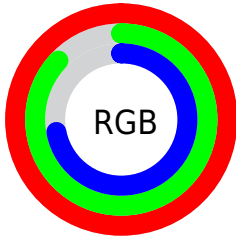
Format	Color
RYB	247, 255, 183
Decimal	16768439
CIELab	90.00, 6.28, 23.01
CIELCh	90, 23.854, 74.728
Yxy	76.3034, 0.3644, 0.3680
Android (android.graphics.Color)	4294958519 (0xFFFFDDB7)
YUV	226.8340, -21.6102, 24.7016
Hunter-Lab	87.3518, 1.5330, 23.4865

Details

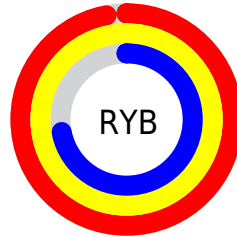
The CIELCh color **90, 23.854, 74.728** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 22.357, 262.853**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **70, 23.687, 74.987** is the 20% darker color. If you saturate the color by 10%, you get **87, 32.996, 73.412**, and if you desaturate by 10%, it is **93, 15.080, 76.033**.

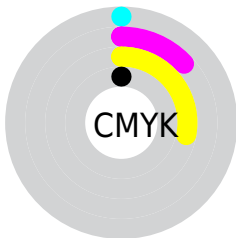
Distribution



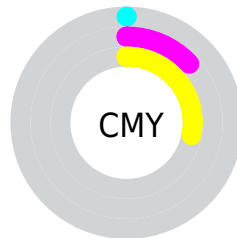
- Red (100%)
- Green (87%)
- Blue (72%)



- Red (97%)
- 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, 23.854, 74.728 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, 23.854, 74.728 by changing the saturation by 10% instead.

 90, 23.854, 74.728

 90, 23.854, 74.728

 100, 23.854,
74.728

 80, 23.854, 74.728

 70, 23.854, 74.728

 60, 23.854, 74.728

 50, 23.854, 74.728

 40, 23.854, 74.728

 30, 23.854, 74.728

 20, 23.854, 74.728

 10, 23.854, 74.728

 0, 23.854, 74.728

90, 23.854, 74.728

90, 23.854, 74.728

87, 32.996, 73.412

93, 15.080, 76.033

83, 42.473, 72.064

97, 6.669, 77.281

80, 52.180, 70.678

100, 0.042,
215.468

77, 61.864, 69.208

74, 71.008, 67.543

71, 78.686, 65.459

69, 83.816, 62.648

68, 84.598, 62.139

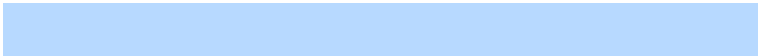
Harmonies

Complementary

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



90, 23.854, 74.728



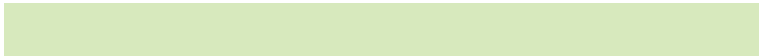
85, 22.357, 262.853

Rectangle

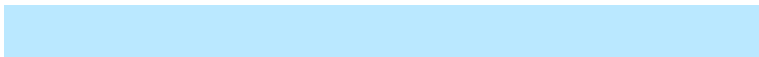
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 23.854, 74.728



90, 23.854, 124.728



90, 23.854, 254.728



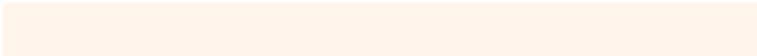
90, 23.854, 304.728

Sweetspot

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



90, 23.854, 74.736



97, 6.470, 77.310



82, 31.905, 347.239



51, 4.613, 77.129



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, 23.854, 74.736



88, 29.082, 73.976



98, 36.173, 108.151



51, 4.613, 77.129



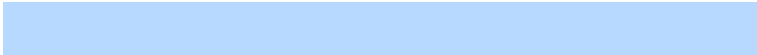
52, 67.961, 62.839



17, 27.028, 64.623

Inverse Universe

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



85, 22.357, 262.853



83, 26.857, 264.053



77, 38.749, 294.197



50, 4.530, 259.701



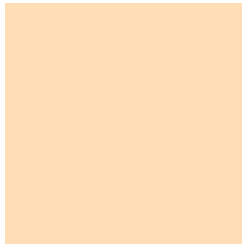
40, 61.624, 286.799



11, 24.957, 280.470

Previews

White Background



This preview shows how the CIE LCh color 90, 23.854, 74.728 looks on a white background.

Color Contrast Check

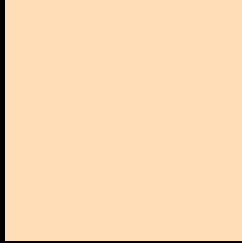
Large Text (above 18pt) WCAG AA × Fail

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, 23.854, 74.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

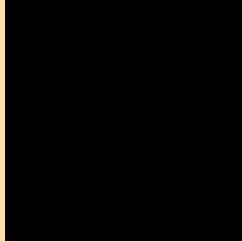
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 23.854, 74.728

Background



This preview shows how black text looks on a background with the CIELCh color 90, 23.854, 74.728.



This preview shows how white text looks on a background with the CIELCh color 90, 23.854, 74.728.

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, 23.854, 74.728

Protanopia

90, 21.852, 94.127

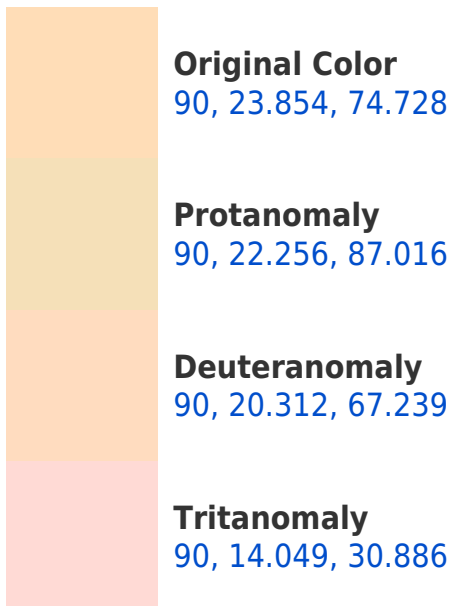
Deuteranopia

90, 18.749, 63.360



Tritanopia
90, 15.883, 353.466

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 23.854, 74.728 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 23.854, 74.728 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, 183) }
```

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

```
.border{ border-color:rgb(255, 221, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 23.854, 74.728 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, 183) }
```

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

```
.background{ background-color: rgb(255,  
221, 183) }
```

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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