

Converting Colors

CIELCh(93, 34.679, 56.458)

Have a look what the booklet for
CIELCh(93, 34.679, 56.458) contains.

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Color

CIELCh(90, 24.989, 75.133)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDB5
RGB	255, 221, 181
RGB Percent	100%, 87%, 71%
CMY	0.0000, 0.1343, 0.2913
CMYK	0.00, 0.13, 0.29, 0.00
HSL	32°, 100%, 85%
HSV	32°, 29%, 100%
XYZ	75.6203, 76.3034, 54.3038
YIQ	226.6060, 33.1040, -5.2320

Conversions

Conversions Part 2

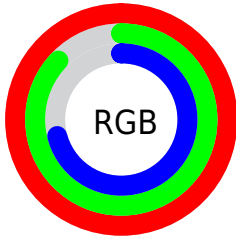
Format	Color
R _Y B	244, 255, 181
Decimal	16768437
CIE Lab	90.00, 6.41, 24.15
CIE LCh	90, 24.989, 75.133
Yxy	76.3034, 0.3667, 0.3700
Android (android.graphics.Color)	4294958517 (0xFFFFDDB5)
YUV	226.6060, -22.4838, 24.9015
Hunter-Lab	87.3518, 1.6614, 24.2876

Details

The CIELCh color **90, 24.989, 75.133** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.332, 264.171**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **70, 24.628, 76.172** is the 20% darker color. If you saturate the color by 10%, you get **87, 34.017, 74.378**, and if you desaturate by 10%, it is **93, 15.966, 77.033**.

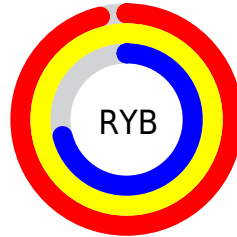
Distribution



Red (100%)

Green (87%)

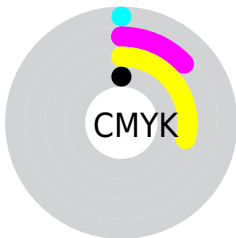
Blue (71%)



Red (96%)

Yellow (100%)

Blue (71%)

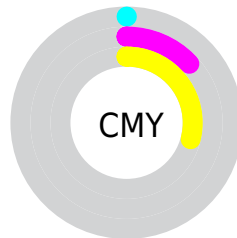


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 24.989, 75.133 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, 24.989, 75.133 by changing the saturation by 10% instead.

 90, 24.989, 75.133

 90, 24.989, 75.133

 100, 24.989,
75.133

 80, 24.989, 75.133

 70, 24.989, 75.133

 60, 24.989, 75.133

 50, 24.989, 75.133

 40, 24.989, 75.133

 30, 24.989, 75.133

 20, 24.989, 75.133

 10, 24.989, 75.133

 0, 24.989, 75.133

90, 24.989, 75.133

90, 24.989, 75.133

87, 34.017, 74.378

93, 15.966, 77.033

83, 43.525, 73.008

97, 7.465, 78.298

80, 53.219, 71.594

100, 0.012,
296.813

77, 62.823, 70.085

74, 71.780, 68.367

72, 79.126, 66.208

69, 83.914, 63.344

69, 84.290, 63.093

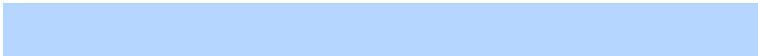
Harmonies

Complementary

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



90, 24.989, 75.133



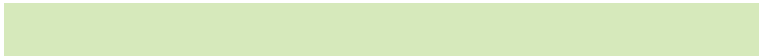
85, 23.332, 264.171

Rectangle

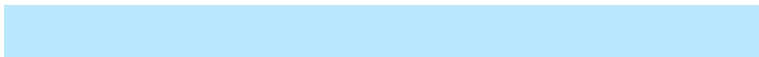
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 24.989, 75.133



90, 24.989, 125.133



90, 24.989, 255.133



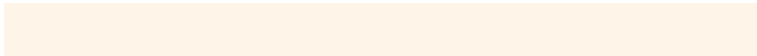
90, 24.989, 305.133

Sweetspot

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



90, 24.817, 75.720



97, 7.355, 78.314



81, 32.614, 348.320



51, 5.126, 78.136



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, 24.817, 75.720



88, 30.175, 74.935



98, 37.311, 108.799



51, 4.651, 78.253



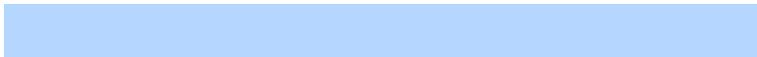
53, 67.708, 63.789



17, 27.052, 65.728

Inverse Universe

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



85, 23.332, 264.171



82, 27.981, 265.415



76, 40.066, 294.877



50, 4.574, 260.834



39, 62.956, 287.761



11, 25.453, 281.523

Previews

White Background



This preview shows how the CIE LCh color 90, 24.989, 75.133 looks on a white background.

Color Contrast Check

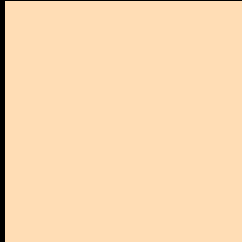
Large Text (above 18pt) WCAG AA × Fail

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, 24.989, 75.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

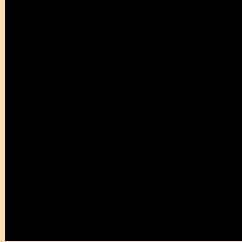
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 24.989, 75.133

Background



This preview shows how black text looks on a background with the CIELCh color 90, 24.989, 75.133.



This preview shows how white text looks on a background with the CIELCh color 90, 24.989, 75.133.

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, 24.741, 75.904

Protanopia

90, 22.852, 94.641

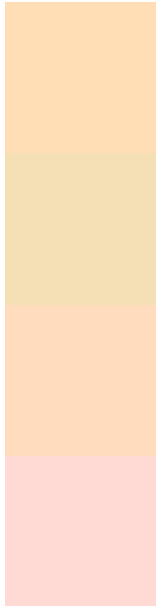
Deuteranopia

90, 19.131, 64.392



Tritanopia
90, 15.883, 353.466

Trichromacy



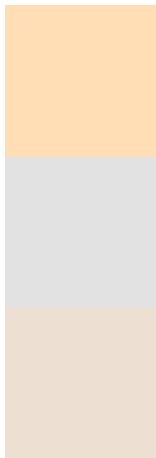
Original Color
90, 24.741, 75.904

Protanomaly
90, 23.227, 87.806

Deuteranomaly
90, 21.127, 68.949

Tritanomaly
90, 14.180, 32.904

Monochromacy



Original Color
90, 24.741, 75.904

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 8.689, 75.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 24.989, 75.133 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 24.989, 75.133 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, 181) }
```

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

```
.border{ border-color:rgb(255, 221, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 24.989, 75.133 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
221, 181) }
```

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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