

Converting Colors

CIELCh(90, 24.011, 98.965)

Have a look what the booklet for
CIELCh(90, 24.011, 98.965) contains.

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Color

CIELCh(90, 24.030, 98.954)

Conversions

Conversions Part 1

Format	Color
Hex	EDE3B5
RGB	237, 227, 181
RGB Percent	93%, 89%, 71%
CMY	0.0705, 0.1097, 0.2901
CMYK	0.00, 0.04, 0.24, 0.07
HSL	49°, 61%, 82%
HSV	49°, 24%, 93%
XYZ	70.7576, 76.3034, 54.7315
YIQ	224.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

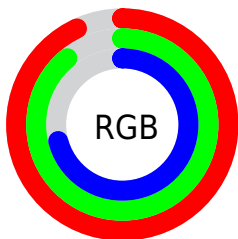
Format	Color
RYB	193, 237, 181
Decimal	15590325
CIELab	90.00, -3.74, 23.74
CIELCh	90, 24.030, 98.954
Yxy	76.3034, 0.3506, 0.3781
Android (android.graphics.Color)	4293780405 (0xFFEDE3B5)
YUV	224.7460, -21.5668, 10.7468
Hunter-Lab	87.3518, -8.2752, 23.9973

Details

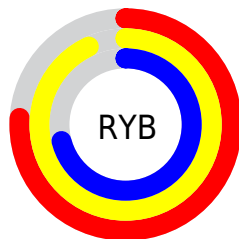
The CIELCh color **90, 24.030, 98.954** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 24.780, 284.810**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **70, 24.134, 98.869** is the 20% darker color. If you saturate the color by 10%, you get **89, 34.213, 97.772**, and if you desaturate by 10%, it is **92, 13.826, 100.119**.

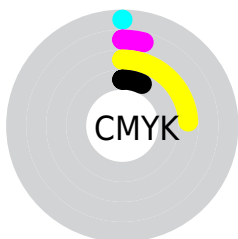
Distribution



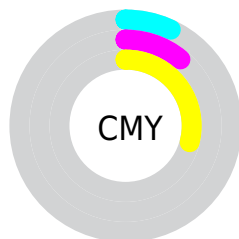
- Red (93%)
- Green (89%)
- Blue (71%)



- Red (76%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 24.030, 98.954 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, 24.030, 98.954 by changing the saturation by 10% instead.

■ 90, 24.030, 98.954

■ 90, 24.030, 98.954

■ 100, 24.030,
98.954

■ 80, 24.030, 98.954

■ 70, 24.030, 98.954

■ 60, 24.030, 98.954

■ 50, 24.030, 98.954

■ 40, 24.030, 98.954

■ 30, 24.030, 98.954

■ 20, 24.030, 98.954

■ 10, 24.030, 98.954

■ 0, 24.030, 98.954

90, 24.030, 98.954

90, 24.030, 98.954

89, 34.213, 97.772

92, 13.826,
100.119

87, 44.260, 96.568

93, 3.659, 101.219

86, 53.982, 95.356

95, 6.437, 282.384

84, 63.058, 94.140

96, 6.100, 267.702

83, 70.981, 92.920

97, 5.128, 242.166

82, 77.049, 91.677

98, 5.419, 213.265

81, 80.548, 90.364

99, 6.166, 199.122

80, 81.568, 89.478

Harmonies

Complementary

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



90, 24.030, 98.954



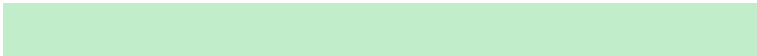
78, 24.780, 284.810

Rectangle

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



90, 24.030, 98.954



90, 24.030, 148.954



90, 24.030, 278.954



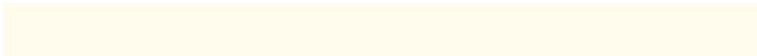
90, 24.030, 328.954

Sweetspot

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



90, 24.032, 98.960



99, 7.516, 100.859



79, 21.946, 6.998



53, 4.885, 100.793



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, 24.032, 98.960



95, 30.232, 98.430



91, 29.470, 121.086



48, 5.707, 100.590



63, 66.761, 89.739



18, 26.178, 92.109

Inverse Universe

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



78, 24.780, 284.810



80, 31.387, 285.549



77, 30.842, 303.933



46, 5.782, 282.801



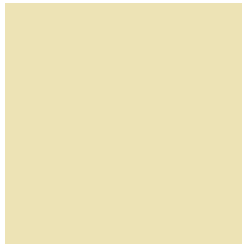
25, 92.431, 303.072



4, 31.341, 294.125

Previews

White Background



This preview shows how the CIELCh color 90, 24.030, 98.954 looks on a white background.

Color Contrast Check

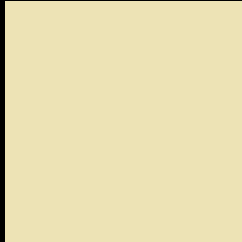
Large Text (above 18pt) WCAG AA × Fail

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, 24.030, 98.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

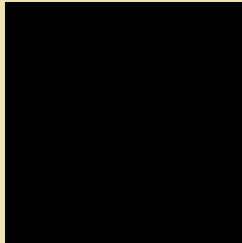
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

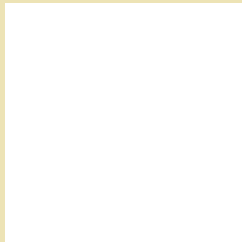
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 24.030, 98.954

Background



This preview shows how black text looks on a background with the CIELCh color 90, 24.030, 98.954.

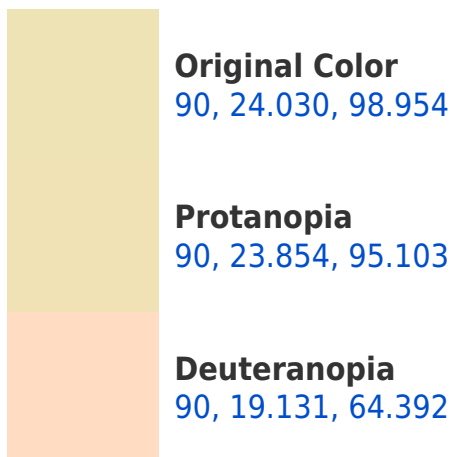


This preview shows how white text looks on a background with the CIELCh color 90, 24.030, 98.954.

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](#).

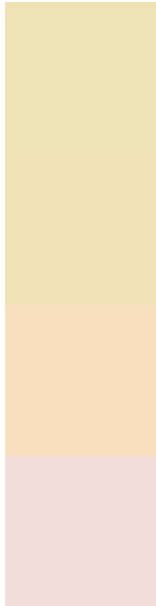
Dichromacy





Tritanopia
90, 12.954, 334.153

Trichromacy



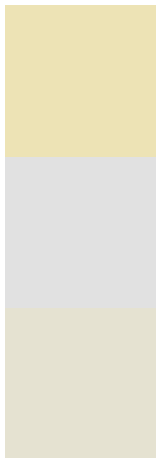
Original Color
90, 24.030, 98.954

Protanomaly
90, 23.767, 96.019

Deuteranomaly
90, 20.110, 80.085

Tritanomaly
90, 7.430, 40.140

Monochromacy



Original Color
90, 24.030, 98.954

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 8.862, 102.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 24.030, 98.954 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(237, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 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(237, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 24.030, 98.954 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(237, 227, 181) }
```

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

```
.border{ border-color:rgb(237, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 227, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 227, 181); box-shadow:4px 4px 4px 4px rgb(237, 227, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 24.030, 98.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 181) }
```

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

```
.background{ background-color: rgb(237,  
227, 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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