

Converting Colors

CIELCh(90, 26.949, 95.424)

Have a look what the booklet for
CIELCh(90, 26.949, 95.424) contains.

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Color

CIELCh(90, 26.949, 95.424)

Conversions

Conversions Part 1

Format	Color
Hex	F1E2AF
RGB	241, 226, 175
RGB Percent	95%, 89%, 69%
CMY	0.0543, 0.1131, 0.3131
CMYK	0.00, 0.06, 0.27, 0.05
HSL	46°, 70%, 82%
HSV	46°, 27%, 95%
XYZ	71.3178, 76.3034, 51.6014
YIQ	224.6710, 25.3110, -12.6810

Conversions

Conversions Part 2

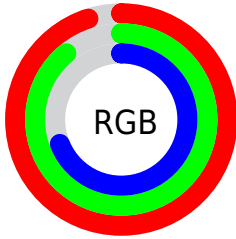
Format	Color
RYB	194, 241, 175
Decimal	15852207
CIELab	90.00, -2.55, 26.83
CIELCh	90, 26.949, 95.424
Yxy	76.3034, 0.3580, 0.3830
Android (android.graphics.Color)	4294042287 (0xFFFF1E2AF)
YUV	224.6710, -24.4878, 14.3205
Hunter-Lab	87.3518, -7.1306, 26.1218

Details

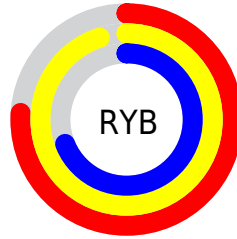
The CIELCh color **90, 26.949, 95.424** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 27.634, 282.619**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **70, 27.106, 95.866** is the 20% darker color. If you saturate the color by 10%, you get **88, 36.869, 94.170**, and if you desaturate by 10%, it is **92, 17.035, 96.657**.

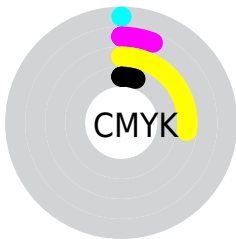
Distribution



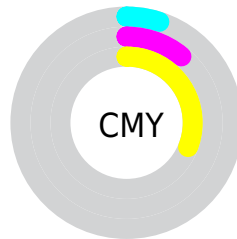
- Red (95%)
- Green (89%)
- Blue (69%)



- Red (76%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 26.949, 95.424 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, 26.949, 95.424 by changing the saturation by 10% instead.

 90, 26.949, 95.424

 90, 26.949, 95.424

 100, 26.949,
95.424

 80, 26.949, 95.424

 70, 26.949, 95.424

 60, 26.949, 95.424

 50, 26.949, 95.424

 40, 26.949, 95.424

 30, 26.949, 95.424

 20, 26.949, 95.424

 10, 26.949, 95.424

 0, 26.949, 95.424

90, 26.949, 95.424

90, 26.949, 95.424

88, 36.869, 94.170

92, 17.035, 96.657

86, 46.671, 92.884

94, 7.186, 97.837

85, 56.140, 91.573

96, 2.562, 279.096

83, 64.908, 90.231

97, 4.237, 256.234

82, 72.387, 88.832

99, 4.323, 209.115

80, 77.785, 87.319

99, 4.770, 199.242

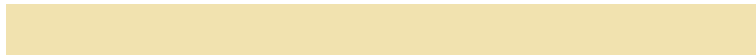
79, 80.439, 85.602

78, 80.886, 85.131

Harmonies

Complementary

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



90, 26.949, 95.424



78, 27.634, 282.619

Rectangle

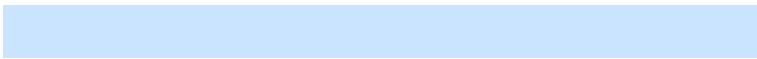
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 26.949, 95.424



90, 26.949, 145.424



90, 26.949, 275.424



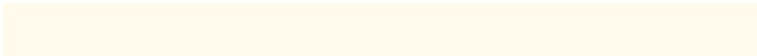
90, 26.949, 325.424

Sweetspot

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



90, 26.950, 95.430



98, 8.164, 97.762



78, 26.333, 3.761



52, 5.808, 97.588



0, 0.000, 0.000



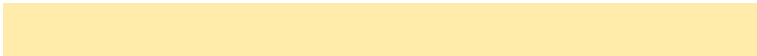
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



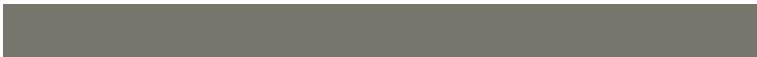
90, 26.950, 95.430



94, 34.046, 94.711



93, 34.277, 118.856



49, 5.520, 97.595



61, 66.024, 85.482



18, 26.381, 88.069

Inverse Universe

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



78, 27.634, 282.619



78, 35.147, 283.666



75, 36.290, 302.514



47, 5.573, 279.904



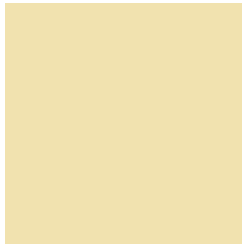
27, 88.618, 301.479



5, 31.808, 294.102

Previews

White Background



This preview shows how the CIE LCh color 90, 26.949, 95.424 looks on a white background.

Color Contrast Check

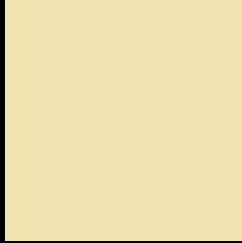
Large Text (above 18pt) WCAG AA × Fail

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, 26.949, 95.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

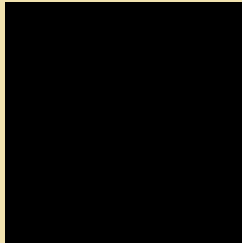
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 26.949, 95.424

Background



This preview shows how black text looks on a background with the CIELCh color 90, 26.949, 95.424.

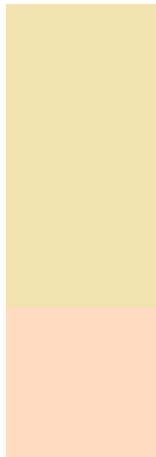


This preview shows how white text looks on a background with the CIELCh color 90, 26.949, 95.424.

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, 26.949, 95.424

Protanopia

90, 27.041, 94.610

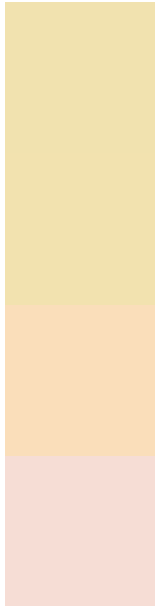
Deuteranopia

90, 19.913, 66.330



Tritanopia
90, 13.931, 341.160

Trichromacy



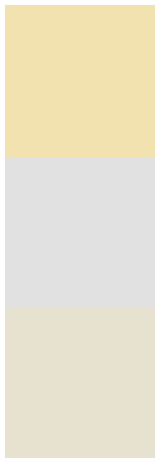
Original Color
90, 26.949, 95.424

Protanomaly
90, 27.041, 94.610

Deuteranomaly
90, 21.639, 78.521

Tritanomaly
90, 10.156, 43.936

Monochromacy



Original Color
90, 26.949, 95.424

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 9.572, 95.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 26.949, 95.424 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(241, 226, 175)` looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 175)  
}
```

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(241, 226, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 26.949, 95.424 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(241, 226, 175) }
```

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

```
.border{ border-color:rgb(241, 226, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 226, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 226, 175);  
box-shadow:4px 4px 4px 4px rgb(241, 226,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 26.949, 95.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 175) }
```

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

```
.background{ background-color: rgb(241,  
226, 175) }
```

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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