

Converting Colors

CIELCh(90, 22.718, 89.553)

Have a look what the booklet for
CIELCh(90, 22.718, 89.553) contains.

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Color

CIELCh(90, 22.935, 89.647)

Conversions

Conversions Part 1

Format	Color
Hex	F4E1B7
RGB	244, 225, 183
RGB Percent	96%, 88%, 72%
CMY	0.0442, 0.1186, 0.2833
CMYK	0.00, 0.08, 0.25, 0.04
HSL	41°, 73%, 84%
HSV	41°, 25%, 96%
XYZ	72.5914, 76.3034, 55.5644
YIQ	225.8930, 24.8060, -9.0340

Conversions

Conversions Part 2

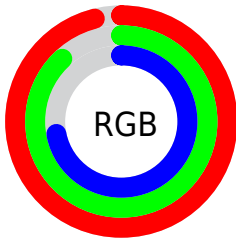
Format	Color
R _Y B	211, 244, 183
Decimal	16048567
CIE Lab	90.00, 0.14, 22.93
CIE LCh	90, 22.935, 89.647
Yxy	76.3034, 0.3550, 0.3732
Android (android.graphics.Color)	4294238647 (0xFFFF4E1B7)
YUV	225.8930, -21.1462, 15.8798
Hunter-Lab	87.3518, -4.5280, 23.4319

Details

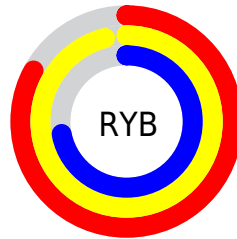
The CIELCh color **90, 22.935, 89.647** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 22.957, 276.546**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **70, 22.888, 90.011** is the 20% darker color. If you saturate the color by 10%, you get **88, 32.361, 88.314**, and if you desaturate by 10%, it is **92, 13.642, 90.949**.

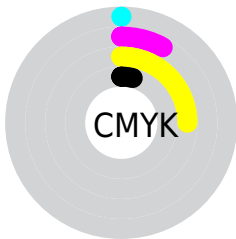
Distribution



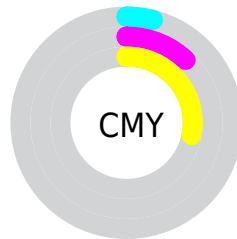
- Red (96%)
- Green (88%)
- Blue (72%)



- Red (83%)
- Yellow (96%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (25%)
- Black (4%)

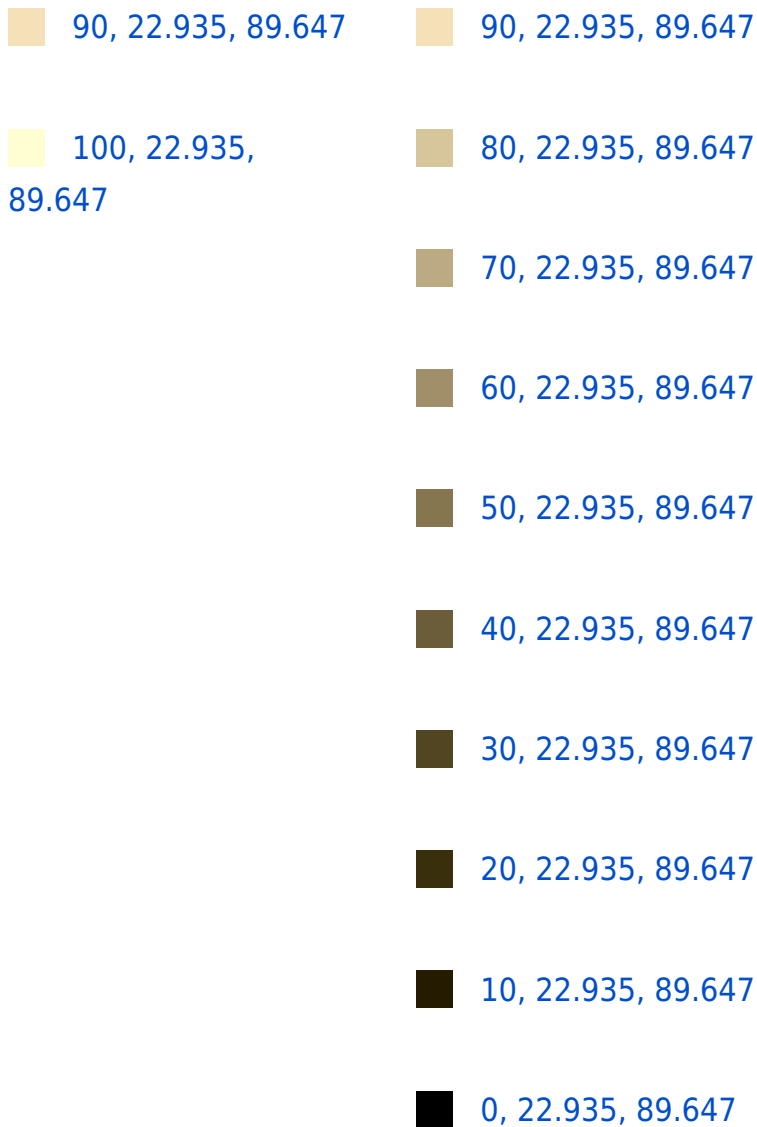


- Cyan (4%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 22.935, 89.647 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, 22.935, 89.647 by changing the saturation by 10% instead.



90, 22.935, 89.647

90, 22.935, 89.647

88, 32.361, 88.314

92, 13.642, 90.949

85, 41.841, 86.934

95, 4.510, 92.169

83, 51.226, 85.509

97, 4.029, 271.592

81, 60.234, 84.020

99, 3.891, 199.329

79, 68.364, 82.419

77, 74.836, 80.607

75, 78.740, 78.423

74, 79.869, 77.206

Harmonies

Complementary

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



90, 22.935, 89.647



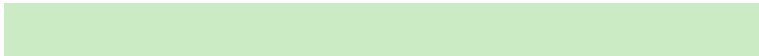
81, 22.957, 276.546

Rectangle

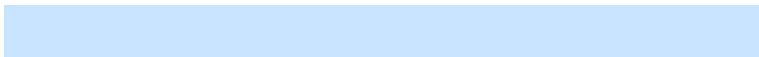
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 22.935, 89.647



90, 22.935, 139.647



90, 22.935, 269.647



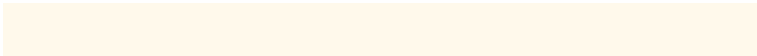
90, 22.935, 319.647

Sweetspot

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



90, 22.936, 89.654



98, 7.482, 91.818



80, 24.919, 357.470



52, 5.326, 91.635



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, 22.936, 89.654



92, 28.648, 88.982



94, 31.294, 115.573



50, 5.151, 91.640



58, 65.283, 77.699



18, 26.088, 80.511

Inverse Universe

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



81, 22.957, 276.546



81, 28.690, 277.482



77, 33.093, 299.441



48, 5.161, 274.107



31, 79.936, 297.799



7, 30.349, 291.862

Previews

White Background



This preview shows how the CIELCh color 90, 22.935, 89.647 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, 22.935, 89.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

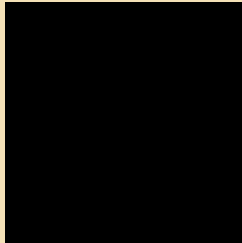
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 22.935, 89.647

Background



This preview shows how black text looks on a background with the CIELCh color 90, 22.935, 89.647.



This preview shows how white text looks on a background with the CIELCh color 90, 22.935, 89.647.

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, 22.935, 89.647

Protanopia

90, 22.852, 94.641

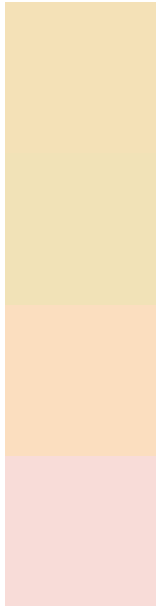
Deuteranopia

90, 18.749, 63.360



Tritanopia
90, 14.494, 343.038

Trichromacy



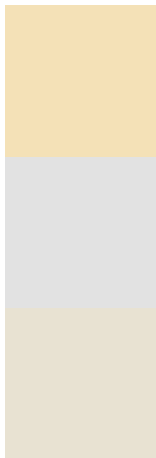
Original Color
90, 22.935, 89.647

Protanomaly
90, 22.950, 93.696

Deuteranomaly
90, 19.621, 74.159

Tritanomaly
90, 10.549, 31.346

Monochromacy



Original Color
90, 22.935, 89.647

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 8.558, 94.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 22.935, 89.647 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(244, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 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(244, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 22.935, 89.647 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(244, 225, 183) }
```

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

```
.border{ border-color:rgb(244, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 183);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 22.935, 89.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 183) }
```

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

```
.background{ background-color: rgb(244,  
225, 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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