

Converting Colors

CIELCh(90, 25.703, 88.840)

Have a look what the booklet for
CIELCh(90, 25.703, 88.840) contains.

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Color

CIELCh(90, 25.802, 88.660)

Conversions

Conversions Part 1

Format	Color
Hex	F6E0B1
RGB	246, 224, 177
RGB Percent	96%, 88%, 69%
CMY	0.0341, 0.1204, 0.3048
CMYK	0.00, 0.09, 0.28, 0.03
HSL	41°, 80%, 83%
HSV	41°, 28%, 97%
XYZ	72.8118, 76.3034, 52.6341
YIQ	225.2200, 28.1990, -9.9530

Conversions

Conversions Part 2

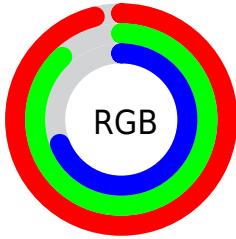
Format	Color
RYB	209, 246, 177
Decimal	16179377
CIELab	90.00, 0.60, 25.79
CIELCh	90, 25.802, 88.660
Yxy	76.3034, 0.3609, 0.3782
Android (android.graphics.Color)	4294369457 (0xFFFF6E0B1)
YUV	225.2200, -23.7725, 18.2241
Hunter-Lab	87.3518, -4.0776, 25.4208

Details

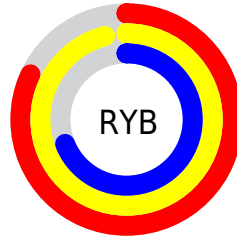
The CIELCh color **90, 25.802, 88.660** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 25.770, 276.541**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **70, 25.907, 88.760** is the 20% darker color. If you saturate the color by 10%, you get **88, 35.293, 87.308**, and if you desaturate by 10%, it is **92, 16.438, 89.982**.

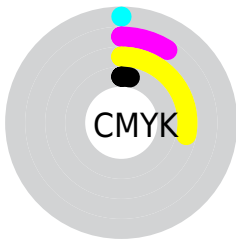
Distribution



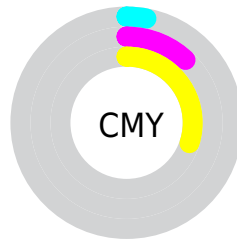
- Red (96%)
- Green (88%)
- Blue (69%)



- Red (82%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (28%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 25.802, 88.660 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, 25.802, 88.660 by changing the saturation by 10% instead.

 90, 25.802, 88.660

 90, 25.802, 88.660

 100, 25.802,
88.660

 80, 25.802, 88.660

 70, 25.802, 88.660

 60, 25.802, 88.660

 50, 25.802, 88.660

 40, 25.802, 88.660

 30, 25.802, 88.660

 20, 25.802, 88.660

 10, 25.802, 88.660

 0, 25.802, 88.660

90, 25.802, 88.660

90, 25.802, 88.660

88, 35.293, 87.308

92, 16.438, 89.982

85, 44.817, 85.908

95, 7.239, 91.240

83, 54.194, 84.458

97, 1.781, 272.661

81, 63.087, 82.930

99, 3.010, 199.435

79, 70.911, 81.262

77, 76.800, 79.329

75, 79.971, 76.964

75, 80.444, 76.474

Harmonies

Complementary

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



90, 25.802, 88.660



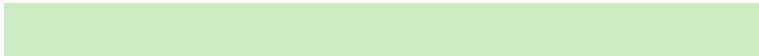
80, 25.770, 276.541

Rectangle

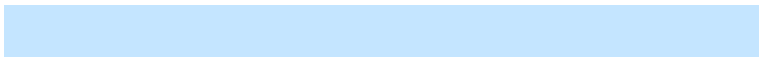
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 25.802, 88.660



90, 25.802, 138.660



90, 25.802, 268.660



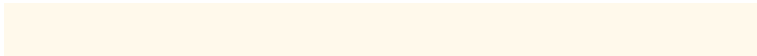
90, 25.802, 318.660

Sweetspot

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



90, 25.803, 88.666



98, 7.426, 91.241



79, 28.467, 356.718



52, 5.287, 91.057



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, 25.803, 88.666



91, 32.365, 87.850



95, 35.222, 114.654



50, 5.112, 91.061



58, 65.228, 76.998



18, 25.977, 79.810

Inverse Universe

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



80, 25.770, 276.541



79, 32.338, 277.732



75, 37.562, 299.183



48, 5.119, 273.540



31, 79.034, 297.410



7, 30.041, 291.482

Previews

White Background



This preview shows how the CIE LCh color 90, 25.802, 88.660 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, 25.802, 88.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

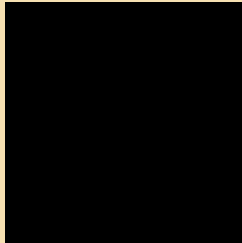
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 25.802, 88.660

Background



This preview shows how black text looks on a background with the CIELCh color 90, 25.802, 88.660.



This preview shows how white text looks on a background with the CIELCh color 90, 25.802, 88.660.

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, 25.802, 88.660

Protanopia

90, 25.448, 94.853

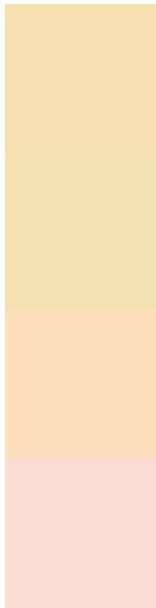
Deuteranopia

90, 19.519, 65.381



Tritanopia
90, 15.676, 346.408

Trichromacy



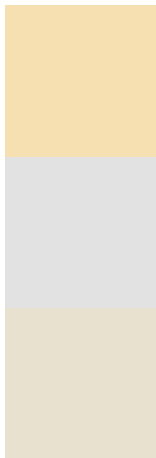
Original Color
90, 25.802, 88.660

Protanomaly
90, 25.280, 92.035

Deuteranomaly
90, 21.609, 76.126

Tritanomaly
90, 12.098, 37.480

Monochromacy



Original Color
90, 25.802, 88.660

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 9.274, 90.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 25.802, 88.660 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(246, 224, 177)` looks like.

```
.text, #text, p{  
    color:rgb(246, 224, 177)  
}
```

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(246, 224, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 224, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 25.802, 88.660 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(246, 224, 177) }
```

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

```
.border{ border-color:rgb(246, 224, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 224, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 224, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 224, 177); box-shadow:4px 4px 4px 4px rgb(246, 224, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 25.802, 88.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 224, 177) }
```

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

```
.background{ background-color: rgb(246,  
224, 177) }
```

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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