

Converting Colors

CIELCh(90, 74.234, 105.098)

Have a look what the booklet for
CIELCh(90, 74.234, 105.098)
contains.

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Color

CIELCh(90, 74.435, 105.090)

Conversions

Conversions Part 1

Format	Color
Hex	E7EA4E
RGB	231, 234, 78
RGB Percent	91%, 92%, 31%
CMY	0.0946, 0.0827, 0.6945
CMYK	0.01, 0.00, 0.67, 0.08
HSL	61°, 79%, 61%
HSV	61°, 67%, 92%
XYZ	63.6821, 76.3034, 18.5588
YIQ	215.3190, 48.2880, -49.1520

Conversions

Conversions Part 2

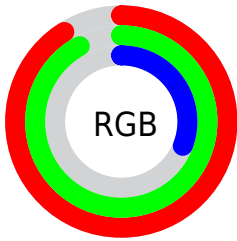
Format	Color
RYB	78, 234, 81
Decimal	15198798
CIELab	90.00, -19.38, 71.87
CIELCh	90, 74.435, 105.090
Yxy	76.3034, 0.4017, 0.4813
Android (android.graphics.Color)	4293388878 (0xFFE7EA4E)
YUV	215.3190, -67.6983, 13.7522
Hunter-Lab	87.3518, -22.7337, 48.5495

Details

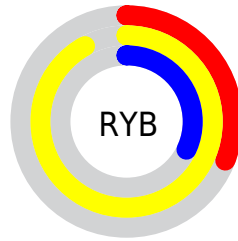
The CIELCh color **90, 74.435, 105.090** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **43, 91.775, 301.500**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 59.063, 105.657**, and **70, 74.399, 105.264** is the 20% darker color. If you saturate the color by 10%, you get **90, 82.044, 104.547**, and if you desaturate by 10%, it is **90, 65.139, 105.796**.

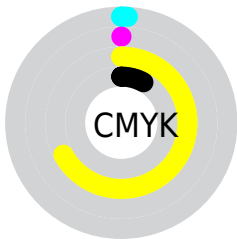
Distribution



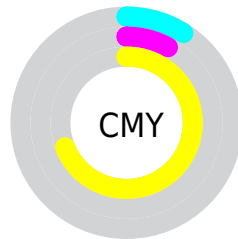
- Red (91%)
- Green (92%)
- Blue (31%)



- Red (31%)
- Yellow (92%)
- Blue (32%)



- Cyan (1%)
- Magenta (0%)
- Yellow (67%)
- Black (8%)





- Cyan (9%)
- Magenta (8%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 74.435, 105.090 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, 74.435, 105.090 by changing the saturation by 10% instead.


 90, 74.435,
105.090


 90, 74.435,
105.090


 100, 74.435,
105.090


 80, 74.435,
105.090

 70, 74.435,
105.090

 60, 74.435,
105.090

 50, 74.435,
105.090

 40, 74.435,
105.090

 30, 74.435,
105.090

 20, 74.435,

105.090

■ 10, 74.435,
105.090

■ 0, 74.435, 105.090

■ 90, 74.435,
105.090

■ 90, 74.435,
105.090

■ 90, 82.044,
104.547

■ 90, 65.139,
105.796

■ 90, 87.400,
104.202

■ 90, 54.700,
106.610

■ 90, 90.215,
104.079

■ 91, 43.534,
107.497

■ 90, 90.814,
104.067

■ 91, 31.926,
108.425

■ 92, 20.062,
109.368

■ 92, 8.062, 110.307

■ 93, 3.997, 291.259

■ 93, 10.900,
292.116

■ 93, 10.907,
292.927

Harmonies

Complementary

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



90, 74.435, 105.090



43, 91.775, 301.500

Rectangle

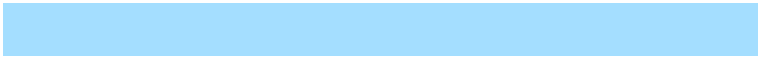
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 74.435, 105.090



90, 74.435, 155.090



90, 74.435, 285.090



90, 74.435, 335.090

Sweetspot

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



90, 74.435, 105.092



99, 25.741, 109.047



56, 68.233, 30.318



53, 17.538, 108.781



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, 74.435, 105.092



97, 89.995, 104.395



85, 81.562, 126.894



49, 6.854, 110.049



71, 74.964, 104.047



21, 30.652, 104.542

Inverse Universe

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



43, 91.775, 301.500



39, 117.786, 304.208



50, 89.846, 312.823



45, 7.008, 291.892



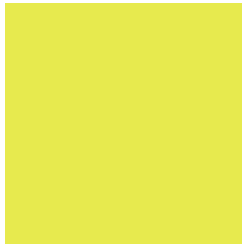
21, 103.375, 306.346



2, 35.773, 298.209

Previews

White Background



This preview shows how the CIELCh color 90, 74.435, 105.090 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, 74.435, 105.090 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, 74.435, 105.090

Background



This preview shows how black text looks on a background with the CIELCh color 90, 74.435, 105.090.



This preview shows how white text looks on a background with the CIELCh color 90, 74.435, 105.090.

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, 74.435, 105.090

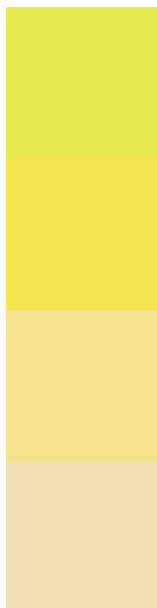
Protanopia
90, 73.517, 95.457

Deuteranopia
90, 27.459, 78.933



Tritanopia
90, 12.846, 336.950

Trichromacy



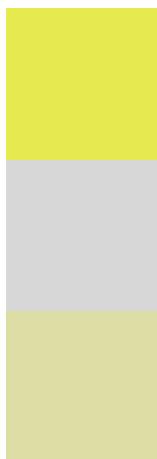
Original Color
90, 74.435, 105.090

Protanomaly
90, 73.622, 99.173

Deuteranomaly
90, 44.660, 95.979

Tritanomaly
89, 24.090, 93.265

Monochromacy



Original Color
90, 74.435, 105.090

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 29.449, 108.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 74.435, 105.090 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(231, 234, 78)` looks like.

```
.text, #text, p{  
    color:rgb(231, 234, 78)  
}
```

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(231, 234, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 234, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 74.435, 105.090 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(231, 234, 78) }
```

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

```
.border{ border-color:rgb(231, 234, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 234, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 234, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 234, 78);  
box-shadow:4px 4px 4px 4px rgb(231, 234,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 74.435, 105.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 234, 78) }
```

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

```
.background{ background-color: rgb(231,  
234, 78) }
```

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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