

Converting Colors

CIELCh(89, 78.053, 103.827)

Have a look what the booklet for
CIELCh(89, 78.053, 103.827)
contains.

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Color

CIELCh(89, 78.152, 104.077)

Conversions

Conversions Part 1

Format	Color
Hex	E6E740
RGB	230, 231, 64
RGB Percent	90%, 91%, 25%
CMY	0.0990, 0.0950, 0.7500
CMYK	0.00, 0.00, 0.72, 0.10
HSL	60°, 78%, 58%
HSV	60°, 72%, 90%
XYZ	61.9768, 74.1641, 15.8592
YIQ	211.6630, 53.0110, -52.1490

Conversions

Conversions Part 2

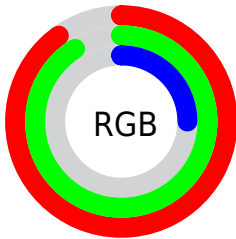
Format	Color
RYB	64, 231, 65
Decimal	15132480
CIELab	89.00, -19.01, 75.81
CIELCh	89, 78.152, 104.077
Yxy	74.1641, 0.4077, 0.4879
Android (android.graphics.Color)	4293322560 (0xFFE6E740)
YUV	211.6630, -72.7979, 16.0815
Hunter-Lab	86.1186, -22.2469, 49.3644

Details

The CIELCh color **89, 78.152, 104.077** 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 **39, 98.903, 302.506**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 64.428, 105.247**, and **69, 73.433, 104.604** is the 20% darker color. If you saturate the color by 10%, you get **89, 84.480, 103.602**, and if you desaturate by 10%, it is **89, 69.829, 104.730**.

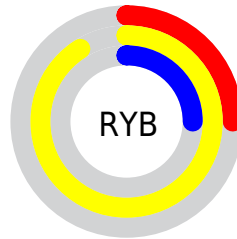
Distribution



Red (90%)

Green (91%)

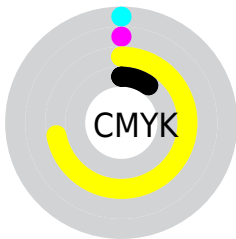
Blue (25%)



Red (25%)

Yellow (91%)

Blue (25%)

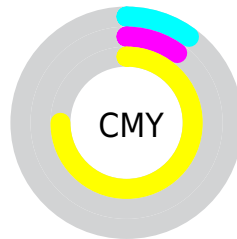


Cyan (0%)

Magenta (0%)

Yellow (72%)

Black (10%)



Cyan (10%)

Magenta (10%)

Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 78.152, 104.077 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 89, 78.152, 104.077 by changing the saturation by 10% instead.


 89, 78.152,
104.077

 89, 78.152,
104.077


 100, 78.152,
104.077

 79, 78.152,
104.077

 69, 78.152,
104.077

 59, 78.152,
104.077

 49, 78.152,
104.077

 39, 78.152,
104.077


 29, 78.152,
104.077


 19, 78.152,

104.077


 9, 78.152, 104.077


 0, 78.152, 104.077


 89, 78.152,
104.077

 89, 78.152,
104.077


 89, 84.480,
103.602


 89, 69.829,
104.730

 89, 88.358,
103.329

 89, 60.083,
105.511

 89, 89.866,
103.237

 90, 49.402,
106.383

 90, 38.139,
107.310

 90, 26.530,

108.267

■ 91, 14.727,
109.230

■ 91, 2.827, 110.169

■ 92, 9.106, 291.140

■ 92, 12.545,
291.560

Harmonies

Complementary

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



89, 78.152, 104.077



39, 98.903, 302.506

Rectangle

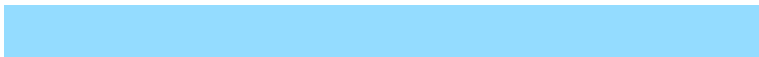
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 78.152, 104.077



89, 78.152, 154.077



89, 78.152, 284.077



89, 78.152, 334.077

Sweetspot

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



89, 78.152, 104.079



99, 28.284, 108.292



53, 74.383, 31.398



53, 18.978, 108.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 78.152, 104.079



97, 93.585, 103.437



84, 85.562, 126.322



48, 6.730, 109.511



70, 74.157, 103.231



20, 29.316, 103.998

Inverse Universe

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



39, 98.903, 302.506



35, 125.784, 305.198



46, 95.542, 312.503



44, 6.881, 291.392



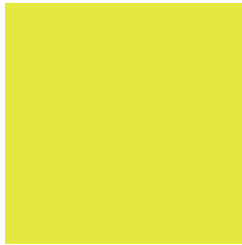
21, 102.360, 306.306



2, 33.687, 296.923

Previews

White Background



This preview shows how the CIELCh color 89, 78.152, 104.077 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 89, 78.152, 104.077 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 89, 78.152, 104.077

Background



This preview shows how black text looks on a background with the CIELCh color 89, 78.152, 104.077.

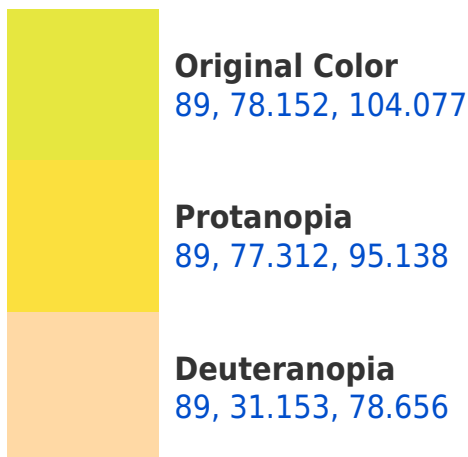



This preview shows how white text looks on a background with the CIELCh color 89, 78.152, 104.077.

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](#).

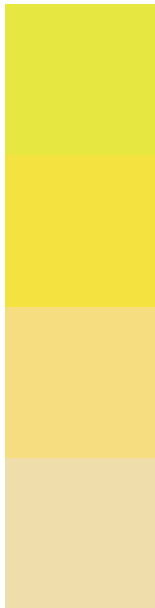
Dichromacy





Tritanopia
89, 13.689, 340.179

Trichromacy



Original Color
89, 78.152, 104.077

Protanomaly
89, 77.090, 98.365

Deuteranomaly
89, 48.974, 94.416

Tritanomaly
88, 26.858, 92.704

Monochromacy



Original Color
89, 78.152, 104.077

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 31.575, 107.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 78.152, 104.077 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(230, 231, 64)` looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 64)  
}
```

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(230, 231, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 78.152, 104.077 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(230, 231, 64) }
```

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

```
.border{ border-color:rgb(230, 231, 64) }
```

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

Here you see how a box with a 4 pixel rgb(230, 231, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 64);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 78.152, 104.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 64) }
```

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

```
.background{ background-color: rgb(230,  
231, 64) }
```

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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