

Converting Colors

CIELCh(93, 79.700, 98.961)

Have a look what the booklet for
CIELCh(93, 79.700, 98.961) contains.

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Color

CIELCh(93, 79.704, 98.934)

Conversions

Conversions Part 1

Format	Color
Hex	FEEE44
RGB	254, 238, 68
RGB Percent	100%, 93%, 27%
CMY	0.0022, 0.0650, 0.7315
CMYK	0.00, 0.06, 0.73, 0.00
HSL	55°, 99%, 63%
HSV	55°, 73%, 100%
XYZ	72.7878, 82.9670, 17.7201
YIQ	223.4040, 64.1060, -49.4780

Conversions

Conversions Part 2

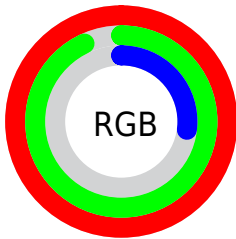
Format	Color
R _Y B	86, 254, 68
Decimal	16707140
CIE Lab	93.00, -12.38, 78.74
CIE LCh	93, 79.704, 98.934
Yxy	82.9670, 0.4196, 0.4783
Android (android.graphics.Color)	4294897220 (0xFFEEEE44)
YUV	223.4040, -76.6142, 26.8327
Hunter-Lab	91.0862, -16.7600, 52.2260

Details

The CIELCh color **93, 79.704, 98.934** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **45, 98.955, 299.977**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 62.662, 105.382**, and **73, 75.389, 99.091** is the 20% darker color. If you saturate the color by 10%, you get **92, 86.124, 98.105**, and if you desaturate by 10%, it is **94, 71.153, 99.858**.

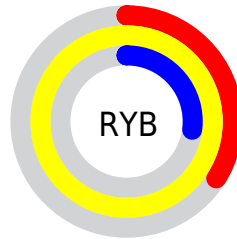
Distribution



Red (100%)

Green (93%)

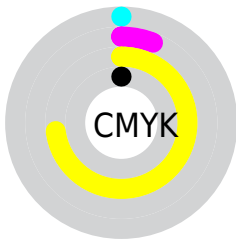
Blue (27%)



Red (34%)

Yellow (100%)

Blue (27%)

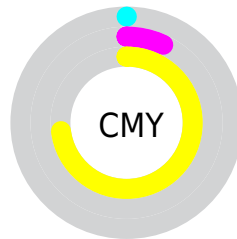


Cyan (0%)

Magenta (6%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 79.704, 98.934 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 93, 79.704, 98.934 by changing the saturation by 10% instead.

 93, 79.704, 98.934

 93, 79.704, 98.934

 100, 79.704,
98.934

 83, 79.704, 98.934

 73, 79.704, 98.934

 63, 79.704, 98.934

 53, 79.704, 98.934

 43, 79.704, 98.934

 33, 79.704, 98.934

 23, 79.704, 98.934

 13, 79.704, 98.934

 3, 79.704, 98.934

93, 79.704, 98.934

93, 79.704, 98.934

92, 86.124, 98.105

94, 71.153, 99.858

92, 89.802, 97.367

95, 61.165,
100.850

91, 90.890, 96.897

95, 50.292,
101.890

96, 38.908,
102.956

97, 27.252,
104.029

98, 15.468,
105.092

99, 3.644, 106.115

100, 0.193,
202.830

Harmonies

Complementary

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



93, 79.704, 98.934



45, 98.955, 299.977

Rectangle

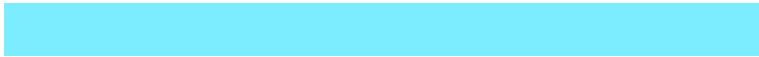
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 79.704, 98.934



93, 79.704, 148.934



93, 79.704, 278.934



93, 79.704, 328.934

Sweetspot

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



93, 79.704, 98.936



98, 26.014, 104.145



58, 77.247, 25.001



52, 17.468, 103.855



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 79.704, 98.936



92, 88.444, 97.731



92, 90.545, 122.616



53, 6.727, 105.468



71, 73.401, 97.006



24, 33.205, 97.948

Inverse Universe

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



45, 98.955, 299.977



37, 119.059, 303.513



49, 104.944, 309.976



49, 6.853, 287.528



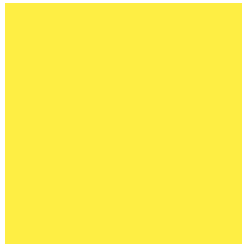
24, 103.732, 305.226



4, 41.389, 300.232

Previews

White Background



This preview shows how the CIELCh color 93, 79.704, 98.934 looks on a white background.

Color Contrast Check

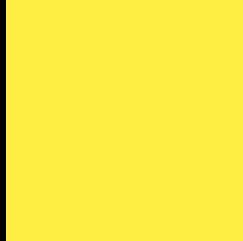
Large Text (above 18pt) WCAG AA × Fail

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 93, 79.704, 98.934 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 93, 79.704, 98.934

Background



This preview shows how black text looks on a background with the CIELCh color 93, 79.704, 98.934.

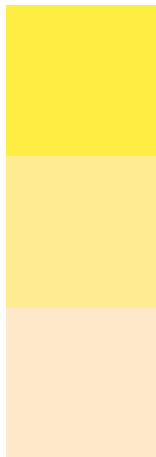


This preview shows how white text looks on a background with the CIELCh color 93, 79.704, 98.934.

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

93, 79.704, 98.934

Protanopia

93, 45.826, 96.341

Deuteranopia

93, 17.503, 77.652



Tritanopia
93, 10.979, 352.221

Trichromacy



Original Color
93, 79.704, 98.934



Protanomaly
93, 59.271, 97.792



Deuteranomaly
93, 42.076, 95.243

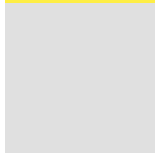


Tritanomaly
93, 30.137, 90.411

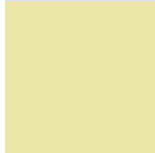
Monochromacy



Original Color
93, 79.704, 98.934



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 31.896, 103.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 79.704, 98.934 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(254, 238, 68)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 68)  
}
```

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(254, 238, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 79.704, 98.934 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(254, 238, 68) }
```

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

```
.border{ border-color:rgb(254, 238, 68) }
```

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

Here you see how a box with a 4 pixel rgb(254, 238, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 68);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 79.704, 98.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 238, 68) }
```

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

```
.background{ background-color: rgb(254,  
238, 68) }
```

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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