

Converting Colors

CIELCh(93, 92.726, 104.826)

Have a look what the booklet for
CIELCh(93, 92.726, 104.826)
contains.

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Color

CIELCh(93, 92.660, 104.762)

Conversions

Conversions Part 1

Format	Color
Hex	EDF410
RGB	237, 244, 16
RGB Percent	93%, 96%, 6%
CMY	0.0694, 0.0420, 0.9376
CMYK	0.03, 0.00, 0.93, 0.04
HSL	62°, 91%, 51%
HSV	62°, 93%, 96%
XYZ	67.5566, 82.9670, 12.9396
YIQ	215.9150, 69.0160, -72.3920

Conversions

Conversions Part 2

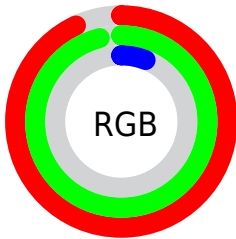
Format	Color
RYB	16, 244, 23
Decimal	15594512
CIELab	93.00, -23.61, 89.60
CIELCh	93, 92.660, 104.762
Yxy	82.9670, 0.4133, 0.5076
Android (android.graphics.Color)	4293784592 (0xFFEDF410)
YUV	215.9150, -98.5581, 18.4915
Hunter-Lab	91.0862, -27.0115, 55.3377

Details

The CIELCh color **93, 92.660, 104.762** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **32, 126.346, 305.953**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 75.229, 104.432**, and **73, 77.303, 106.786** is the 20% darker color. If you saturate the color by 10%, you get **93, 93.889, 104.778**, and if you desaturate by 10%, it is **93, 88.953, 104.905**.

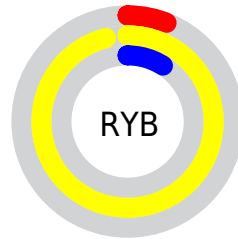
Distribution



Red (93%)

Green (96%)

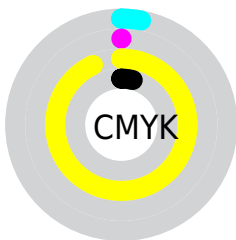
Blue (6%)



Red (6%)

Yellow (96%)

Blue (9%)

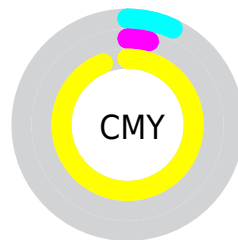


Cyan (3%)

Magenta (0%)

Yellow (93%)

Black (4%)



Cyan (7%)


Magenta (4%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 92.660, 104.762 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, 92.660, 104.762 by changing the saturation by 10% instead.


 93, 92.660,
104.762


 93, 92.660,
104.762


 100, 92.660,
104.762


 83, 92.660,
104.762

 73, 92.660,
104.762

 63, 92.660,
104.762

 53, 92.660,
104.762

 43, 92.660,
104.762

 33, 92.660,
104.762

 23, 92.660,

104.762

■ 13, 92.660,
104.762

■ 3, 92.660, 104.762

■ 93, 92.660,
104.762

■ 93, 92.660,
104.762

■ 93, 93.889,
104.778

■ 93, 88.953,
104.905

■ 93, 82.638,
105.279

■ 93, 74.154,
105.853

■ 94, 64.102,
106.575

■ 94, 53.014,
107.400

■ 94, 41.276,
108.287

■ 95, 29.149,
109.207

■ 95, 16.802,
110.136

■ 96, 4.342, 111.050

Harmonies

Complementary

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



93, 92.660, 104.762



32, 126.346, 305.953

Rectangle

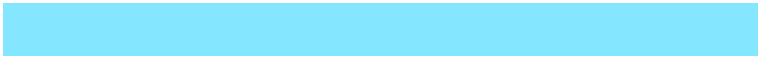
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 92.660, 104.762



93, 92.660, 154.762



93, 92.660, 284.762



93, 92.660, 334.762

Sweetspot

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



93, 92.659, 104.764



98, 35.888, 108.783



52, 97.565, 38.799



52, 24.696, 108.387



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, 92.659, 104.764



97, 96.991, 104.782



87, 104.149, 128.111



51, 7.099, 110.506



73, 76.562, 104.746



24, 33.188, 104.874

Inverse Universe

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



32, 126.346, 305.953



32, 133.683, 306.347



41, 117.819, 312.537



47, 7.260, 292.320



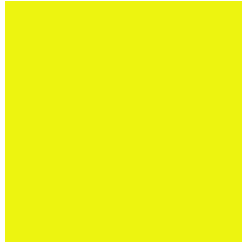
22, 105.478, 306.376



3, 39.990, 300.477

Previews

White Background



This preview shows how the CIELCh color 93, 92.660, 104.762 looks on a white background.

Color Contrast Check

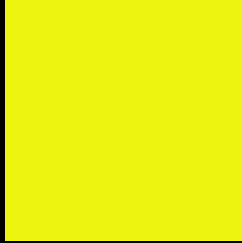
Large Text (above 18pt) WCAG AA × Fail

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, 92.660, 104.762 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, 92.660, 104.762

Background



This preview shows how black text looks on a background with the CIELCh color 93, 92.660, 104.762.



This preview shows how white text looks on a background with the CIELCh color 93, 92.660, 104.762.

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, 92.565, 104.771

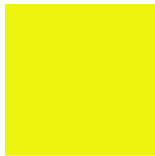
Protanopia
93, 46.786, 96.453

Deuteranopia
93, 18.404, 79.165



Tritanopia
93, 13.371, 336.395

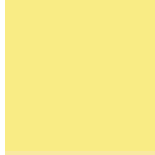
Trichromacy



Original Color
93, 92.565, 104.771



Protanomaly
93, 68.770, 100.824

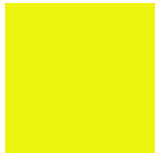


Deuteranomaly
92, 52.028, 100.127

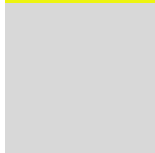


Tritanomaly
92, 36.735, 97.884

Monochromacy



Original Color
93, 92.565, 104.771



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 42.375, 107.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 92.660, 104.762 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(237, 244, 16)` looks like.

```
.text, #text, p{  
    color:rgb(237, 244, 16)  
}
```

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(237, 244, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 244, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 92.660, 104.762 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(237, 244, 16) }
```

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

```
.border{ border-color:rgb(237, 244, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 244, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 244, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 244, 16);  
box-shadow:4px 4px 4px 4px rgb(237, 244,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 92.660, 104.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 244, 16) }
```

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

```
.background{ background-color: rgb(237,  
244, 16) }
```

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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