

Converting Colors

CIELCh(97, 93.236, 103.113)

Have a look what the booklet for
CIELCh(97, 93.236, 103.113)
contains.

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Color

CIELCh(97, 93.133, 103.101)

Conversions

Conversions Part 1

Format	Color
Hex	FEFE23
RGB	254, 254, 35
RGB Percent	100%, 100%, 14%
CMY	0.0021, 0.0022, 0.8635
CMYK	0.00, 0.00, 0.86, 0.00
HSL	60°, 100%, 57%
HSV	60°, 86%, 100%
XYZ	76.9255, 92.4403, 15.3623
YIQ	229.0340, 70.2990, -68.1090

Conversions

Conversions Part 2

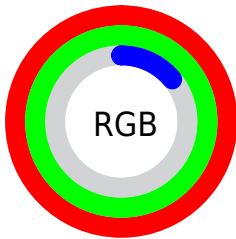
Format	Color
R _Y B	35, 254, 35
Decimal	16711203
CIE Lab	97.00, -21.11, 90.71
CIE LCh	97, 93.133, 103.101
Yxy	92.4403, 0.4164, 0.5004
Android (android.graphics.Color)	4294901283 (0xFFFEFE23)
YUV	229.0340, -95.6588, 21.8952
Hunter-Lab	96.1459, -25.4389, 57.8287

Details

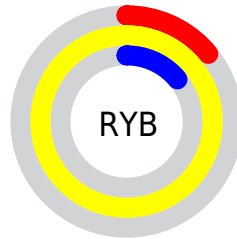
The CIELCh color **97, 93.133, 103.101** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **35, 124.951, 305.069**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 71.231, 104.732**, and **77, 80.149, 104.423** is the 20% darker color. If you saturate the color by 10%, you get **97, 96.113, 102.890**, and if you desaturate by 10%, it is **97, 87.406, 103.517**.

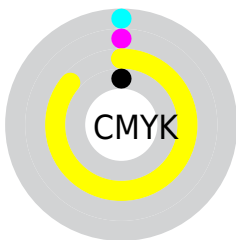
Distribution



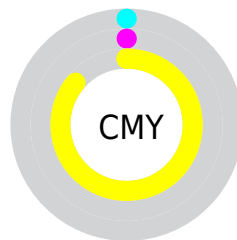
- Red (100%)
- Green (100%)
- Blue (14%)



- Red (14%)
- Yellow (100%)
- Blue (14%)



- Cyan (0%)
- Magenta (0%)
- Yellow (86%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 93.133, 103.101 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 97, 93.133, 103.101 by changing the saturation by 10% instead.


 97, 93.133,
103.101


 97, 93.133,
103.101


 100, 93.133,
103.101


 87, 93.133,
103.101

 77, 93.133,
103.101

 67, 93.133,
103.101


 57, 93.133,
103.101

 47, 93.133,
103.101


 37, 93.133,
103.101


 27, 93.133,


103.101


 17, 93.133,
103.101


 7, 93.133, 103.101


 97, 93.133,
103.101


 97, 93.133,
103.101

 97, 96.113,
102.890

 97, 87.406,
103.517

 97, 96.749,
102.845

 97, 79.256,
104.117

 97, 69.292,
104.864

 98, 58.102,
105.718

■ 98, 46.135,
106.640

■ 98, 33.699,
107.603

■ 99, 20.993,
108.581

■ 99, 8.146, 109.553

■ 100, 0.281,
290.397

Harmonies

Complementary

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



97, 93.133, 103.101



35, 124.951, 305.069

Rectangle

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



97, 93.133, 103.101



97, 93.133, 153.101



97, 93.133, 283.101



97, 93.133, 333.101

Sweetspot

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



97, 93.133, 103.103



99, 33.350, 107.634



55, 94.503, 35.693



52, 22.556, 107.297



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 93.133, 103.103



97, 96.902, 102.845



91, 102.803, 126.335



53, 7.337, 109.246



75, 78.049, 102.845



26, 35.522, 102.987

Inverse Universe

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



35, 124.951, 305.069



32, 133.811, 306.286



44, 117.682, 312.056



49, 7.503, 291.169



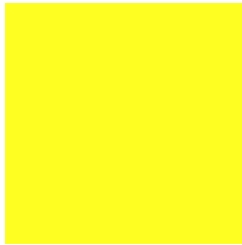
23, 107.776, 306.286



3, 44.123, 301.756

Previews

White Background



This preview shows how the CIELCh color 97, 93.133, 103.101 looks on a white background.

Color Contrast Check

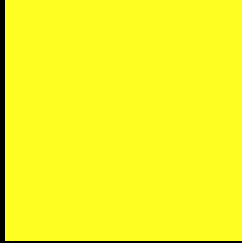
Large Text (above 18pt) WCAG AA × Fail

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 97, 93.133, 103.101 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 97, 93.133, 103.101

Background



This preview shows how black text looks on a background with the CIELCh color 97, 93.133, 103.101.



This preview shows how white text looks on a background with the CIELCh color 97, 93.133, 103.101.

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](#).

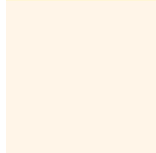
Dichromacy



Original Color
97, 92.962, 103.113



Protanopia
97, 16.616, 97.306



Deuteranopia
97, 7.528, 80.937



Tritanopia
97, 5.253, 343.947

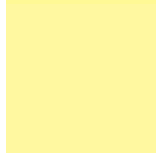
Trichromacy



Original Color
97, 92.962, 103.113



Protanomaly
96, 49.984, 103.539



Deuteranomaly
96, 44.275, 103.140

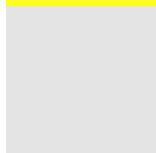


Tritanomaly
96, 38.471, 102.509

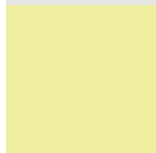
Monochromacy



Original Color
97, 92.962, 103.113



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 40.552, 106.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 93.133, 103.101 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, 254, 35)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 35)  
}
```

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, 254, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 93.133, 103.101 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, 254, 35) }
```

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

```
.border{ border-color:rgb(254, 254, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 35);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 93.133, 103.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 35) }
```

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

```
.background{ background-color: rgb(254,  
254, 35) }
```

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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