

Converting Colors

CIELCh(91, 92.533, 104.489)

Have a look what the booklet for
CIELCh(91, 92.533, 104.489)
contains.

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Color

CIELCh(91, 92.034, 104.438)

Conversions

Conversions Part 1

Format	Color
Hex	E8EE01
RGB	232, 238, 1
RGB Percent	91%, 93%, 0%
CMY	0.0892, 0.0657, 0.9964
CMYK	0.03, 0.00, 1.00, 0.07
HSL	62°, 99%, 47%
HSV	62°, 100%, 93%
XYZ	64.0064, 78.4833, 11.8006
YIQ	209.1880, 72.5010, -74.9790

Conversions

Conversions Part 2

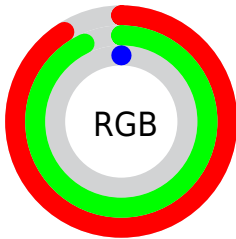
Format	Color
R _Y B	1, 238, 7
Decimal	15265281
CIE Lab	91.00, -22.95, 89.13
CIE LCh	91, 92.034, 104.438
Yxy	78.4833, 0.4148, 0.5087
Android (android.graphics.Color)	4293455361 (0xFFE8EE01)
YUV	209.1880, -102.6367, 20.0061
Hunter-Lab	88.5908, -26.0686, 54.1159

Details

The CIELCh color **91, 92.034, 104.438** 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 **30, 126.817, 306.316**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 77.142, 104.289**, and **71, 75.404, 106.236** is the 20% darker color. If you saturate the color by 10%, you get **91, 92.103, 104.440**, and if you desaturate by 10%, it is **91, 89.766, 104.484**.

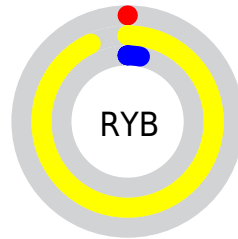
Distribution



Red (91%)

Green (93%)

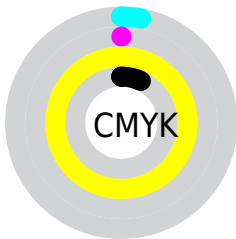
Blue (0%)



Red (0%)

Yellow (93%)

Blue (3%)

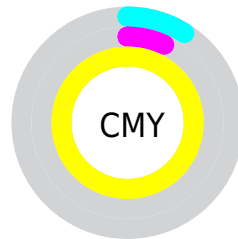


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (9%)


Magenta (7%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 92.034, 104.438 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 91, 92.034, 104.438 by changing the saturation by 10% instead.


 91, 92.034,
104.438


 91, 92.034,
104.438


 100, 92.034,
104.438


 81, 92.034,
104.438


 71, 92.034,
104.438

 61, 92.034,
104.438


 51, 92.034,
104.438

 41, 92.034,
104.438


 31, 92.034,
104.438

 21, 92.034,


104.438

 11, 92.034,
104.438


 1, 92.034, 104.438


 91, 92.034,
104.438


 91, 92.034,
104.438

 91, 92.103,
104.440

 91, 89.766,
104.484

 91, 85.093,
104.740

 91, 77.997,
105.213

 92, 69.009,
105.862

■ 92, 58.706,
106.638

■ 92, 47.554,
107.499

■ 93, 35.880,
108.409

■ 93, 23.898,
109.342

■ 94, 11.748,
110.277

Harmonies

Complementary

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



91, 92.034, 104.438



30, 126.817, 306.316

Rectangle

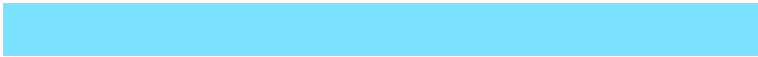
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 92.034, 104.438



91, 92.034, 154.438



91, 92.034, 284.438



91, 92.034, 334.438

Sweetspot

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



91, 92.033, 104.440



98, 38.392, 108.363



50, 98.916, 40.040



52, 26.102, 107.975



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 92.033, 104.440



97, 96.968, 104.446



84, 104.315, 128.804



50, 6.977, 110.289



72, 75.763, 104.414



22, 31.943, 104.710

Inverse Universe

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



30, 126.817, 306.316



32, 133.706, 306.337



39, 118.136, 312.126



46, 7.134, 292.117



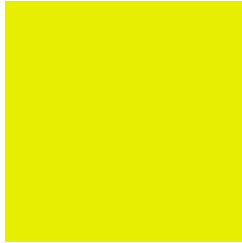
22, 104.427, 306.362



3, 37.869, 299.341

Previews

White Background



This preview shows how the CIELCh color 91, 92.034, 104.438 looks on a white background.

Color Contrast Check

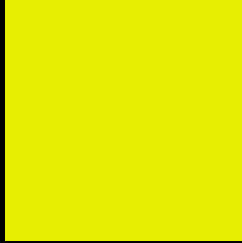
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 92.034, 104.438 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 91, 92.034, 104.438

Background



This preview shows how black text looks on a background with the CIELCh color 91, 92.034, 104.438.



This preview shows how white text looks on a background with the CIELCh color 91, 92.034, 104.438.

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
91, 91.958, 104.445

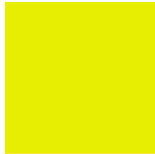
Protanopia
91, 69.700, 95.390

Deuteranopia
91, 24.486, 78.831



Tritanopia
91, 13.434, 336.414

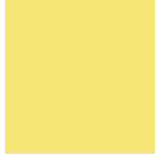
Trichromacy



Original Color
91, 91.958, 104.445



Protanomaly
91, 81.246, 99.048



Deuteranomaly
90, 56.685, 97.939



Tritanomaly
90, 38.878, 98.059

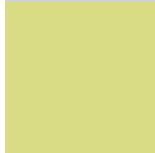
Monochromacy



Original Color
91, 91.958, 104.445



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 44.521, 107.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 92.034, 104.438 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(232, 238, 1)` looks like.

```
.text, #text, p{  
    color:rgb(232, 238, 1)  
}
```

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(232, 238, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 238, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 92.034, 104.438 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(232, 238, 1) }
```

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

```
.border{ border-color:rgb(232, 238, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 238, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 238, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 238, 1);  
box-shadow:4px 4px 4px 4px rgb(232, 238,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 92.034, 104.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 238, 1) }
```

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

```
.background{ background-color: rgb(232,  
238, 1) }
```

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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