

Converting Colors

CIELCh(92, 85.303, 97.434)

Have a look what the booklet for
CIELCh(92, 85.303, 97.434) contains.

CIELCh(92, 85.352, 97.579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 85.352, 97.579)

Conversions

Conversions Part 1

Format	Color
Hex	FFEB2D
RGB	255, 235, 45
RGB Percent	100%, 92%, 18%
CMY	0.0009, 0.0792, 0.8246
CMYK	0.00, 0.08, 0.82, 0.00
HSL	54°, 100%, 59%
HSV	54°, 82%, 100%
XYZ	71.2757, 80.7044, 14.2744
YIQ	219.3200, 72.9100, -54.8500

Conversions

Conversions Part 2

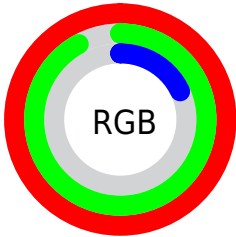
Format	Color
RYB	67, 255, 45
Decimal	16771885
CIELab	92.00, -11.26, 84.61
CIELCh	92, 85.352, 97.579
Yxy	80.7044, 0.4287, 0.4854
Android (android.graphics.Color)	4294961965 (0xFFFFE2D)
YUV	219.3200, -85.9398, 31.2914
Hunter-Lab	89.8356, -15.5902, 53.4641

Details

The CIELCh color **92, 85.352, 97.579** 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 **40, 111.098, 302.014**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 69.991, 104.826**, and **72, 74.887, 98.017** is the 20% darker color. If you saturate the color by 10%, you get **91, 89.215, 96.786**, and if you desaturate by 10%, it is **93, 78.773, 98.457**.

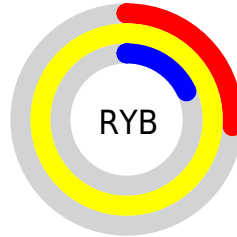
Distribution



Red (100%)

Green (92%)

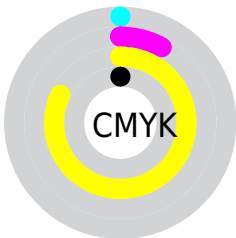
Blue (18%)



Red (26%)

Yellow (100%)

Blue (18%)

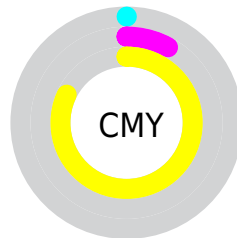


Cyan (0%)

Magenta (8%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 85.352, 97.579 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 92, 85.352, 97.579 by changing the saturation by 10% instead.

 92, 85.352, 97.579

 92, 85.352, 97.579

 100, 85.352,
97.579

 82, 85.352, 97.579

 72, 85.352, 97.579

 62, 85.352, 97.579

 52, 85.352, 97.579

 42, 85.352, 97.579

 32, 85.352, 97.579

 22, 85.352, 97.579

 12, 85.352, 97.579

 2, 85.352, 97.579

92, 85.352, 97.579

92, 85.352, 97.579

91, 89.215, 96.786

93, 78.773, 98.457

91, 90.439, 96.222

94, 70.121, 99.413

94, 60.092,
100.430

95, 49.225,
101.490

96, 37.881,
102.570

97, 26.289,
103.654

98, 14.587,
104.726

100, 2.857,
105.745

100, 0.078,
207.974

Harmonies

Complementary

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



92, 85.352, 97.579



40, 111.098, 302.014

Rectangle

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



92, 85.352, 97.579



92, 85.352, 147.579



92, 85.352, 277.579



92, 85.352, 327.579

Sweetspot

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



92, 85.352, 97.581



97, 29.284, 103.378



56, 86.432, 28.954



51, 19.959, 102.997



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 85.352, 97.581



91, 90.357, 96.295



92, 97.933, 122.943



53, 6.666, 105.036



70, 72.970, 96.345



24, 32.975, 97.376

Inverse Universe

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



40, 111.098, 302.014



34, 128.576, 305.210



44, 115.729, 310.208



49, 6.787, 287.112



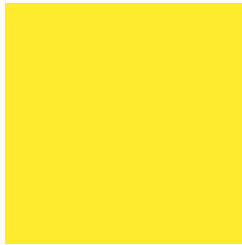
24, 103.193, 305.080



5, 41.105, 300.056

Previews

White Background



This preview shows how the CIELCh color 92, 85.352, 97.579 looks on a white background.

Color Contrast Check

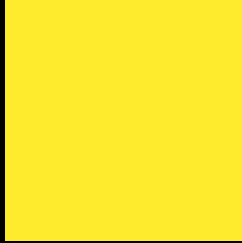
Large Text (above 18pt) WCAG AA × Fail

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 92, 85.352, 97.579 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 92, 85.352, 97.579

Background



This preview shows how black text looks on a background with the CIELCh color 92, 85.352, 97.579.



This preview shows how white text looks on a background with the CIELCh color 92, 85.352, 97.579.

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
92, 85.352, 97.579

Protanopia
92, 56.039, 95.864

Deuteranopia
92, 21.321, 79.496



Tritanopia
92, 12.318, 355.552

Trichromacy



Original Color
92, 85.352, 97.579



Protanomaly
92, 68.563, 96.863



Deuteranomaly
92, 47.860, 93.982

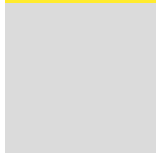


Tritanomaly
91, 34.164, 89.153

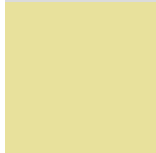
Monochromacy



Original Color
92, 85.352, 97.579



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 35.546, 102.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 85.352, 97.579 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(255, 235, 45)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 45)  
}
```

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(255, 235, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 85.352, 97.579 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(255, 235, 45) }
```

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

```
.border{ border-color:rgb(255, 235, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 45);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 85.352, 97.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 45) }
```

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

```
.background{ background-color: rgb(255,  
235, 45) }
```

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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