

Converting Colors

CIELCh(93, 85.256, 98.637)

Have a look what the booklet for
CIELCh(93, 85.256, 98.637) contains.

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Color

CIELCh(93, 85.268, 98.826)

Conversions

Conversions Part 1

Format	Color
Hex	FFEF32
RGB	255, 239, 50
RGB Percent	100%, 94%, 20%
CMY	0.0014, 0.0640, 0.8055
CMYK	0.00, 0.06, 0.81, 0.00
HSL	55°, 100%, 60%
HSV	55°, 81%, 100%
XYZ	72.4517, 82.9670, 15.1657
YIQ	222.2380, 70.2050, -55.3870

Conversions

Conversions Part 2

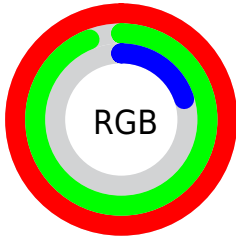
Format	Color
RYB	67, 255, 50
Decimal	16772914
CIELab	93.00, -13.08, 84.26
CIELCh	93, 85.268, 98.826
Yxy	82.9670, 0.4247, 0.4864
Android (android.graphics.Color)	4294962994 (0xFFFFEF32)
YUV	222.2380, -84.9133, 28.7323
Hunter-Lab	91.0862, -17.4187, 53.8887

Details

The CIELCh color **93, 85.268, 98.826** 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 **41, 110.441, 302.087**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 68.311, 104.953**, and **73, 75.695, 99.110** is the 20% darker color. If you saturate the color by 10%, you get **92, 89.695, 98.113**, and if you desaturate by 10%, it is **94, 78.221, 99.650**.

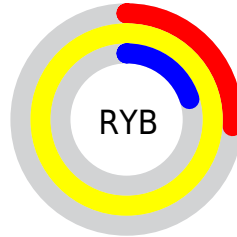
Distribution



Red (100%)

Green (94%)

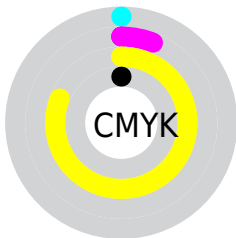
Blue (20%)



Red (26%)

Yellow (100%)

Blue (20%)

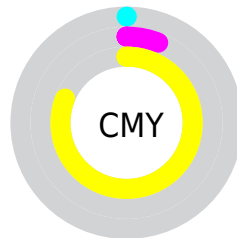


Cyan (0%)

Magenta (6%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 85.268, 98.826 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, 85.268, 98.826 by changing the saturation by 10% instead.

 93, 85.268, 98.826

 93, 85.268, 98.826

 100, 85.268,
98.826

 83, 85.268, 98.826

 73, 85.268, 98.826

 63, 85.268, 98.826

 53, 85.268, 98.826

 43, 85.268, 98.826

 33, 85.268, 98.826

 23, 85.268, 98.826

 13, 85.268, 98.826

 3, 85.268, 98.826

■ 93, 85.268, 98.826

■ 93, 85.268, 98.826

■ 92, 89.695, 98.113

■ 94, 78.221, 99.650

■ 92, 91.463, 97.515

■ 94, 69.210,
100.567

■ 95, 58.901,
101.554

■ 96, 47.800,
102.588

■ 97, 36.246,
103.645

■ 98, 24.452,
104.707

■ 99, 12.550,
105.757

100, 0.618,
106.613

100, 0.121,
204.884

Harmonies

Complementary

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



93, 85.268, 98.826



41, 110.441, 302.087

Rectangle

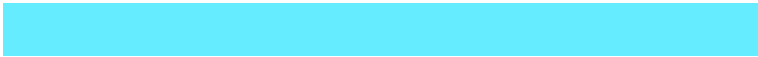
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 85.268, 98.826



93, 85.268, 148.826



93, 85.268, 278.826



93, 85.268, 328.826

Sweetspot

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



93, 85.268, 98.828



97, 28.597, 104.339



56, 85.398, 29.253



52, 19.623, 103.960



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, 85.268, 98.828



92, 91.128, 97.700



92, 97.037, 123.501



53, 6.785, 105.863



71, 73.812, 97.613



24, 33.422, 98.473

Inverse Universe

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



41, 110.441, 302.087



34, 128.400, 305.231



45, 113.467, 310.560



49, 6.914, 287.909



24, 104.202, 305.353



4, 41.654, 300.393

Previews

White Background



This preview shows how the CIELCh color 93, 85.268, 98.826 looks on a white background.

Color Contrast Check

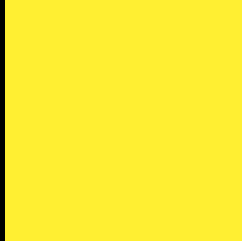
Large Text (above 18pt) WCAG AA × Fail

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, 85.268, 98.826 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, 85.268, 98.826

Background



This preview shows how black text looks on a background with the CIELCh color 93, 85.268, 98.826.



This preview shows how white text looks on a background with the CIELCh color 93, 85.268, 98.826.

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, 85.268, 98.826

Protanopia
93, 45.826, 96.341

Deuteranopia
93, 17.952, 78.428



Tritanopia
93, 10.979, 352.221

Trichromacy



Original Color
93, 85.268, 98.826



Protanomaly
93, 62.382, 97.887



Deuteranomaly
93, 45.458, 95.757

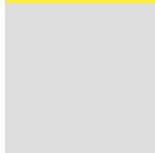


Tritanomaly
93, 33.555, 91.806

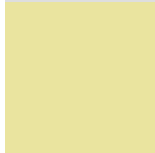
Monochromacy



Original Color
93, 85.268, 98.826



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 35.437, 103.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 85.268, 98.826 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, 239, 50)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 50)  
}
```

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, 239, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 85.268, 98.826 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, 239, 50) }
```

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

```
.border{ border-color:rgb(255, 239, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 50);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 85.268, 98.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 50) }
```

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

```
.background{ background-color: rgb(255,  
239, 50) }
```

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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