

Converting Colors

CIELCh(93, 65.189, 97.938)

Have a look what the booklet for
CIELCh(93, 65.189, 97.938) contains.

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Color

CIELCh(93, 65.331, 98.339)

Conversions

Conversions Part 1

Format	Color
Hex	FFED69
RGB	255, 237, 105
RGB Percent	100%, 93%, 41%
CMY	0.0000, 0.0700, 0.5877
CMYK	0.00, 0.07, 0.59, 0.00
HSL	53°, 100%, 71%
HSV	53°, 59%, 100%
XYZ	74.1823, 82.9670, 25.5071
YIQ	227.3340, 53.1000, -37.2360

Conversions

Conversions Part 2

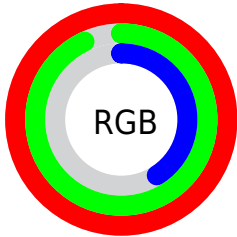
Format	Color
R _Y B	125, 255, 105
Decimal	16772457
CIE Lab	93.00, -9.47, 64.64
CIE LCh	93, 65.331, 98.339
Yxy	82.9670, 0.4061, 0.4542
Android (android.graphics.Color)	4294962537 (0xFFFFE69)
YUV	227.3340, -60.3107, 24.2631
Hunter-Lab	91.0862, -14.0272, 47.1572

Details

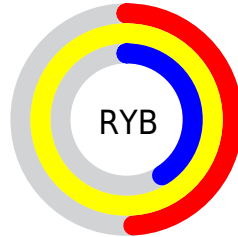
The CIELCh color **93, 65.331, 98.339** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **56, 74.941, 294.989**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **73, 65.153, 98.295** is the 20% darker color. If you saturate the color by 10%, you get **92, 74.495, 97.349**, and if you desaturate by 10%, it is **94, 55.050, 99.488**.

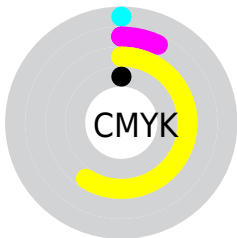
Distribution



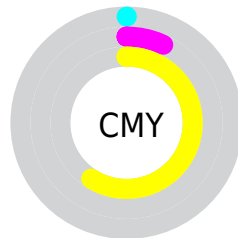
- Red (100%)
- Green (93%)
- Blue (41%)



- Red (49%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 65.331, 98.339 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, 65.331, 98.339 by changing the saturation by 10% instead.

93, 65.331, 98.339

93, 65.331, 98.339

100, 65.331,
98.339

83, 65.331, 98.339

73, 65.331, 98.339

63, 65.331, 98.339

53, 65.331, 98.339

43, 65.331, 98.339

33, 65.331, 98.339

23, 65.331, 98.339

13, 65.331, 98.339

3, 65.331, 98.339

93, 65.331, 98.339

93, 65.331, 98.339

92, 74.495, 97.349

94, 55.050, 99.488

91, 81.910, 96.348

95, 44.140,
100.599

90, 86.834, 95.397

96, 32.891,
101.717

89, 88.942, 94.469

89, 89.113, 94.355

98, 21.483,
102.827

99, 10.025,
103.913

100, 0.012,
296.813

Harmonies

Complementary

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



93, 65.331, 98.339



56, 74.941, 294.989

Rectangle

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



93, 65.331, 98.339



93, 65.331, 148.339



93, 65.331, 278.339



93, 65.331, 328.339

Sweetspot

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



93, 65.323, 98.399



98, 20.606, 102.911



64, 61.481, 17.668



52, 14.318, 102.590



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, 65.323, 98.399



92, 76.330, 97.121



94, 75.508, 121.394



53, 6.502, 103.834



69, 71.867, 94.516



23, 32.366, 95.789

Inverse Universe

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



56, 74.941, 294.989



48, 92.439, 298.200



57, 85.344, 308.271



49, 6.612, 285.953



25, 101.575, 304.631



5, 40.339, 299.564

Previews

White Background



This preview shows how the CIELCh color 93, 65.331, 98.339 looks on a white background.

Color Contrast Check

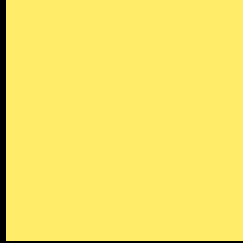
Large Text (above 18pt) WCAG AA × Fail

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, 65.331, 98.339 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, 65.331, 98.339

Background



This preview shows how black text looks on a background with the CIELCh color 93, 65.331, 98.339.



This preview shows how white text looks on a background with the CIELCh color 93, 65.331, 98.339.

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





Tritanopia
93, 10.979, 352.221

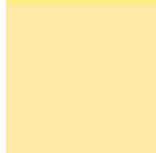
Trichromacy



Original Color
93, 65.331, 98.339



Protanomaly
93, 52.842, 97.475



Deuteranomaly
93, 34.885, 92.951

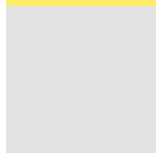


Tritanomaly
93, 23.061, 84.807

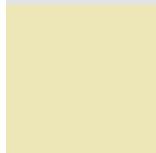
Monochromacy



Original Color
93, 65.331, 98.339



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 24.770, 102.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 65.331, 98.339 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, 237, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 105)  
}
```

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, 237, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 65.331, 98.339 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, 237, 105) }
```

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

```
.border{ border-color:rgb(255, 237, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 65.331, 98.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 105) }
```

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

```
.background{ background-color: rgb(255,  
237, 105) }
```

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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