

Converting Colors

CIELCh(94, 67.694, 94.786)

Have a look what the booklet for
CIELCh(94, 67.694, 94.786) contains.

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Color

CIELCh(93, 66.951, 98.736)

Conversions

Conversions Part 1

Format	Color
Hex	FEEE66
RGB	254, 238, 102
RGB Percent	100%, 93%, 40%
CMY	0.0021, 0.0686, 0.6019
CMYK	0.00, 0.07, 0.60, 0.00
HSL	53°, 99%, 70%
HSV	53°, 60%, 100%
XYZ	73.8475, 82.9670, 24.5668
YIQ	227.2800, 53.1920, -38.9040

Conversions

Conversions Part 2

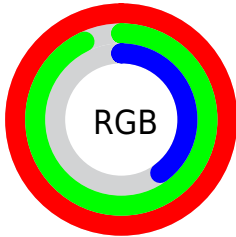
Format	Color
R_{YB}	120, 254, 102
Decimal	16707174
CIE _{Lab}	93.00, -10.17, 66.17
CIE _{LCh}	93, 66.951, 98.736
Yxy	82.9670, 0.4071, 0.4574
Android (android.graphics.Color)	4294897254 (0xFFEEEE66)
YUV	227.2800, -61.7630, 23.4334
Hunter-Lab	91.0862, -14.6834, 47.7693

Details

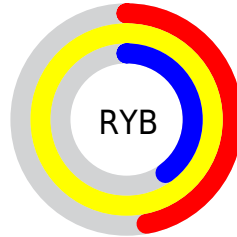
The CIELCh color **93, 66.951, 98.736** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **55, 77.480, 295.673**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.795, 106.446**, and **73, 66.746, 99.061** is the 20% darker color. If you saturate the color by 10%, you get **92, 75.935, 97.719**, and if you desaturate by 10%, it is **94, 56.772, 99.804**.

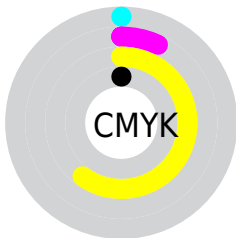
Distribution



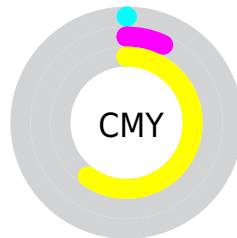
- Red (100%)
- Green (93%)
- Blue (40%)



- Red (47%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 66.951, 98.736 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, 66.951, 98.736 by changing the saturation by 10% instead.

■ 93, 66.951, 98.736

■ 93, 66.951, 98.736

■ 100, 66.951,
98.736

■ 83, 66.951, 98.736

■ 73, 66.951, 98.736

■ 63, 66.951, 98.736

■ 53, 66.951, 98.736

■ 43, 66.951, 98.736

■ 33, 66.951, 98.736

■ 23, 66.951, 98.736

■ 13, 66.951, 98.736

■ 3, 66.951, 98.736

■ 93, 66.951, 98.736

■ 93, 66.951, 98.736

■ 92, 75.935, 97.719

■ 94, 56.772, 99.804

■ 91, 83.050, 96.760

■ 95, 45.889,
100.899

■ 90, 87.586, 95.859

■ 96, 34.621,
102.005

■ 90, 89.433, 95.002

■ 97, 23.164,
103.106

■ 99, 11.637,
104.188

100, 0.109,
104.040

100, 0.185,
202.976

Harmonies

Complementary

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



93, 66.951, 98.736



55, 77.480, 295.673

Rectangle

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



93, 66.951, 98.736



93, 66.951, 148.736



93, 66.951, 278.736



93, 66.951, 328.736

Sweetspot

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



93, 66.952, 98.739



98, 20.776, 103.336



63, 63.072, 19.313



52, 14.435, 103.018



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, 66.952, 98.739



92, 77.580, 97.532



93, 77.170, 122.029



53, 6.558, 104.252



69, 72.235, 95.150



24, 32.572, 96.340

Inverse Universe

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



55, 77.480, 295.673



47, 94.788, 298.786



56, 87.162, 308.822



49, 6.672, 286.356



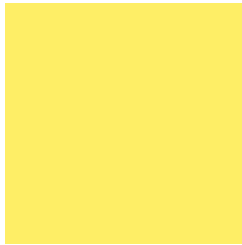
25, 102.155, 304.793



5, 40.601, 299.735

Previews

White Background



This preview shows how the CIELCh color 93, 66.951, 98.736 looks on a white background.

Color Contrast Check

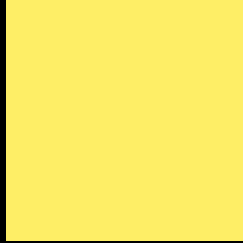
Large Text (above 18pt) WCAG AA × Fail

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, 66.951, 98.736 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, 66.951, 98.736

Background



This preview shows how black text looks on a background with the CIELCh color 93, 66.951, 98.736.

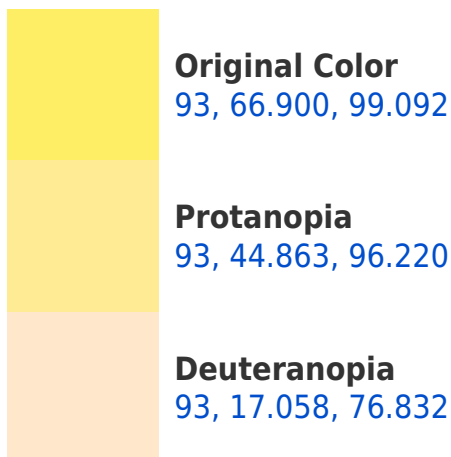


This preview shows how white text looks on a background with the CIELCh color 93, 66.951, 98.736.

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, 66.900, 99.092



Protanomaly
93, 53.309, 97.504



Deuteranomaly
93, 35.375, 93.097

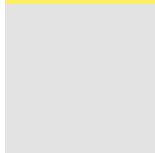


Tritanomaly
93, 24.013, 85.650

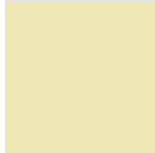
Monochromacy



Original Color
93, 66.900, 99.092



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 25.785, 102.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 66.951, 98.736 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, 238, 102)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 102)  
}
```

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, 238, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 66.951, 98.736 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, 238, 102) }
```

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

```
.border{ border-color:rgb(254, 238, 102) }
```

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

Here you see how a box with a 4 pixel rgb(254, 238, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 102);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 66.951, 98.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 238, 102) }
```

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

```
.background{ background-color: rgb(254,  
238, 102) }
```

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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