

Converting Colors

CIELCh(94, 67.445, 100.526)

Have a look what the booklet for
CIELCh(94, 67.445, 100.526)
contains.

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Color

CIELCh(94, 67.501, 100.591)

Conversions

Conversions Part 1

Format	Color
Hex	FEF268
RGB	254, 242, 104
RGB Percent	100%, 95%, 41%
CMY	0.0055, 0.0524, 0.5935
CMYK	0.00, 0.05, 0.59, 0.01
HSL	55°, 98%, 70%
HSV	55°, 59%, 99%
XYZ	74.8509, 85.2715, 25.5154
YIQ	229.8560, 51.4500, -40.3740

Conversions

Conversions Part 2

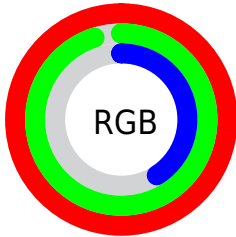
Format	Color
R _Y B	117, 254, 104
Decimal	16708200
CIE Lab	94.00, -12.41, 66.35
CIE LCh	94, 67.501, 100.591
Yxy	85.2715, 0.4032, 0.4593
Android (android.graphics.Color)	4294898280 (0xFFFEF268)
YUV	229.8560, -62.0470, 21.1743
Hunter-Lab	92.3426, -16.9114, 48.2572

Details

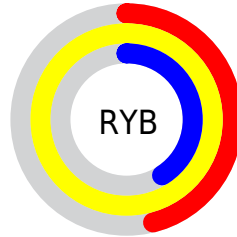
The CIELCh color **94, 67.501, 100.591** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **55, 78.742, 296.691**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **74, 67.432, 100.669** is the 20% darker color. If you saturate the color by 10%, you get **93, 76.696, 99.660**, and if you desaturate by 10%, it is **95, 57.100, 101.593**.

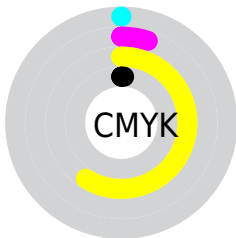
Distribution



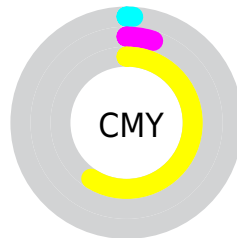
- Red (100%)
- Green (95%)
- Blue (41%)



- Red (46%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (5%)
- Yellow (59%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 67.501, 100.591 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 94, 67.501, 100.591 by changing the saturation by 10% instead.


 94, 67.501,
100.591


 94, 67.501,
100.591


 100, 67.501,
100.591


 84, 67.501,
100.591

 74, 67.501,
100.591

 64, 67.501,
100.591

 54, 67.501,
100.591

 44, 67.501,
100.591

 34, 67.501,
100.591

 24, 67.501,

100.591

■ 14, 67.501,
100.591

■ 4, 67.501, 100.591

■ 94, 67.501,
100.591

■ 94, 67.501,
100.591

■ 93, 76.696, 99.660

■ 95, 57.100,
101.593

■ 93, 84.037, 98.816

■ 96, 45.971,
102.635

■ 92, 88.846, 98.075

■ 91, 90.929, 97.424

■ 97, 34.430,
103.696

■ 91, 91.055, 97.370

■ 97, 22.674,
104.760

99, 10.826,
105.808

100, 0.632,
284.787

100, 0.485,
200.742

Harmonies

Complementary

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



94, 67.501, 100.591



55, 78.742, 296.691

Rectangle

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



94, 67.501, 100.591



94, 67.501, 150.591



94, 67.501, 280.591



94, 67.501, 330.591

Sweetspot

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



94, 67.502, 100.594



98, 21.432, 104.879



63, 62.413, 21.507



52, 14.886, 104.571



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 67.502, 100.594



94, 78.573, 99.493



93, 76.523, 123.360



53, 6.771, 105.769



71, 73.713, 97.469



24, 33.370, 98.348

Inverse Universe

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



55, 78.742, 296.691



47, 96.764, 299.670



57, 85.523, 309.685



49, 6.899, 287.819



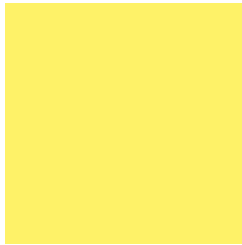
24, 104.092, 305.324



4, 41.591, 300.355

Previews

White Background



This preview shows how the CIELCh color 94, 67.501, 100.591 looks on a white background.

Color Contrast Check

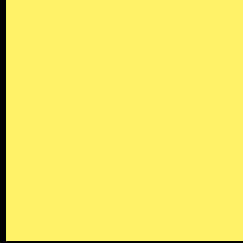
Large Text (above 18pt) WCAG AA × Fail

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 94, 67.501, 100.591 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 94, 67.501, 100.591

Background



This preview shows how black text looks on a background with the CIELCh color 94, 67.501, 100.591.

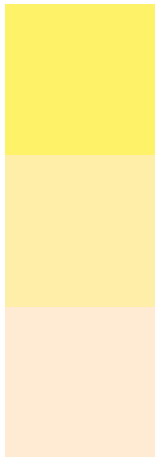


This preview shows how white text looks on a background with the CIELCh color 94, 67.501, 100.591.

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
94, 67.501, 100.591

Protanopia
94, 36.745, 96.738

Deuteranopia
94, 14.411, 77.940

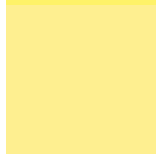


Tritanopia
94, 9.699, 348.074

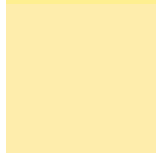
Trichromacy



Original Color
94, 67.501, 100.591



Protanomaly
94, 48.244, 99.116



Deuteranomaly
94, 33.817, 96.112



Tritanomaly
94, 23.579, 91.338

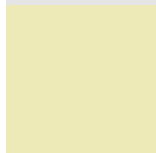
Monochromacy



Original Color
94, 67.501, 100.591



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 26.175, 104.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 67.501, 100.591 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, 242, 104)` looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 104)  
}
```

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, 242, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 67.501, 100.591 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, 242, 104) }
```

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

```
.border{ border-color:rgb(254, 242, 104) }
```

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

Here you see how a box with a 4 pixel rgb(254, 242, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 242, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 242, 104);  
box-shadow:4px 4px 4px 4px rgb(254, 242,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 67.501, 100.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 104) }
```

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

```
.background{ background-color: rgb(254,  
242, 104) }
```

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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