

Converting Colors

CIELCh(95, 67.268, 95.117)

Have a look what the booklet for
CIELCh(95, 67.268, 95.117) contains.

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Color

CIELCh(94, 66.332, 99.878)

Conversions

Conversions Part 1

Format	Color
Hex	FFF16A
RGB	255, 241, 106
RGB Percent	100%, 95%, 42%
CMY	0.0000, 0.0546, 0.5840
CMYK	0.00, 0.05, 0.58, 0.00
HSL	54°, 100%, 71%
HSV	54°, 58%, 100%
XYZ	75.3515, 85.2715, 26.1428
YIQ	229.7960, 51.6790, -39.0170

Conversions

Conversions Part 2

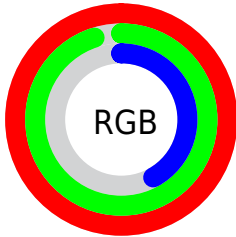
Format	Color
R_{YB}	121, 255, 106
Decimal	16773482
CIE _{Lab}	94.00, -11.38, 65.35
CIE _{LCh}	94, 66.332, 99.878
Yxy	85.2715, 0.4035, 0.4566
Android (android.graphics.Color)	4294963562 (0xFFFFF16A)
YUV	229.7960, -61.0314, 22.1039
Hunter-Lab	92.3426, -15.9436, 47.8544

Details

The CIELCh color **94, 66.332, 99.878** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **56, 76.764, 295.972**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 46.881, 106.594**, and **74, 66.136, 99.940** is the 20% darker color. If you saturate the color by 10%, you get **93, 75.627, 98.930**, and if you desaturate by 10%, it is **95, 55.891, 100.942**.

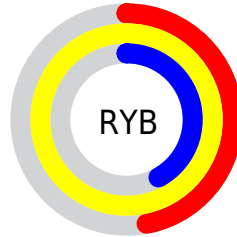
Distribution



Red (100%)

Green (95%)

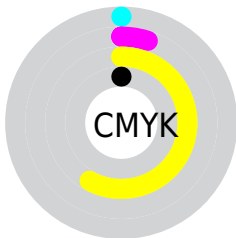
Blue (42%)



Red (47%)

Yellow (100%)

Blue (42%)

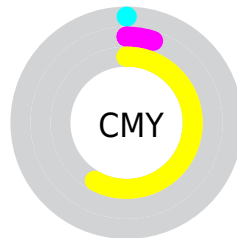


Cyan (0%)

Magenta (5%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 66.332, 99.878 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, 66.332, 99.878 by changing the saturation by 10% instead.

 94, 66.332, 99.878

 94, 66.332, 99.878

 100, 66.332,
99.878

 84, 66.332, 99.878

 74, 66.332, 99.878

 64, 66.332, 99.878

 54, 66.332, 99.878

 44, 66.332, 99.878

 34, 66.332, 99.878

 24, 66.332, 99.878

 14, 66.332, 99.878

 4, 66.332, 99.878

94, 66.332, 99.878

94, 66.332, 99.878

93, 75.627, 98.930

95, 55.891,
100.942

92, 83.139, 98.027

96, 44.777,
102.010

92, 88.160, 97.209

91, 90.371, 96.461

97, 33.288,
103.091

91, 90.596, 96.345

98, 21.613,
104.171

99, 9.865, 105.230

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.



94, 66.332, 99.878



56, 76.764, 295.972

Rectangle

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



94, 66.332, 99.878



94, 66.332, 149.878



94, 66.332, 279.878



94, 66.332, 329.878

Sweetspot

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



94, 66.329, 99.909



98, 21.142, 104.214



64, 61.572, 20.070



52, 14.687, 103.901



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, 66.329, 99.909



93, 76.966, 98.781



94, 75.714, 122.730



53, 6.677, 105.115



70, 73.048, 96.466



24, 33.016, 97.481

Inverse Universe

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



56, 76.764, 295.972



48, 93.807, 298.917



58, 84.826, 309.172



49, 6.799, 287.188



24, 103.294, 305.107



4, 41.156, 300.088

Previews

White Background



This preview shows how the CIELCh color 94, 66.332, 99.878 looks on a white background.

Color Contrast Check

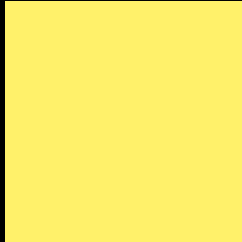
Large Text (above 18pt) WCAG AA × Fail

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, 66.332, 99.878 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, 66.332, 99.878

Background



This preview shows how black text looks on a background with the CIELCh color 94, 66.332, 99.878.

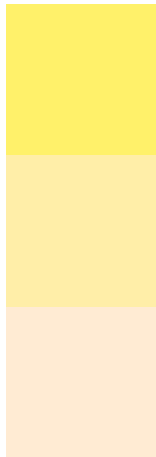


This preview shows how white text looks on a background with the CIELCh color 94, 66.332, 99.878.

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, 66.332, 99.878

Protanopia

94, 36.254, 96.646

Deuteranopia

94, 14.411, 77.940



Tritanopia
94, 9.443, 350.728

Trichromacy



Original Color
94, 66.332, 99.878



Protanomaly
94, 47.824, 98.606



Deuteranomaly
94, 33.409, 95.331

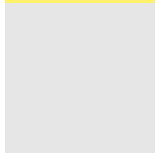


Tritanomaly
94, 23.358, 89.208

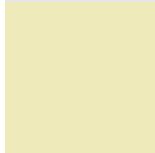
Monochromacy



Original Color
94, 66.332, 99.878



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 25.187, 103.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 66.332, 99.878 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, 241, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 106)  
}
```

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, 241, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 66.332, 99.878 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, 241, 106) }
```

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

```
.border{ border-color:rgb(255, 241, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 66.332, 99.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 106) }
```

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

```
.background{ background-color: rgb(255,  
241, 106) }
```

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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