

Converting Colors

CIELCh(94, 70.744, 101.694)

Have a look what the booklet for
CIELCh(94, 70.744, 101.694)
contains.

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Color

CIELCh(94, 71.065, 101.868)

Conversions

Conversions Part 1

Format	Color
Hex	FBF360
RGB	251, 243, 96
RGB Percent	98%, 95%, 38%
CMY	0.0166, 0.0479, 0.6244
CMYK	0.00, 0.03, 0.62, 0.02
HSL	57°, 95%, 68%
HSV	57°, 62%, 98%
XYZ	73.7819, 85.2715, 23.5830
YIQ	228.6340, 51.9550, -44.0210

Conversions

Conversions Part 2

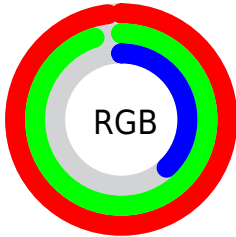
Format	Color
RYB	104, 251, 96
Decimal	16511840
CIELab	94.00, -14.62, 69.55
CIELCh	94, 71.065, 101.868
Yxy	85.2715, 0.4040, 0.4669
Android (android.graphics.Color)	4294701920 (0xFFFFBF360)
YUV	228.6340, -65.3886, 19.6150
Hunter-Lab	92.3426, -18.9777, 49.4980

Details

The CIELCh color **94, 71.065, 101.868** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **51, 84.656, 298.396**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 51.169, 106.263**, and **74, 70.923, 101.947** is the 20% darker color. If you saturate the color by 10%, you get **94, 79.840, 101.047**, and if you desaturate by 10%, it is **95, 60.880, 102.788**.

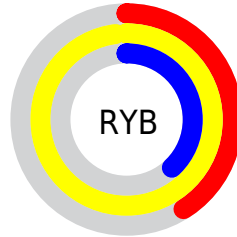
Distribution



Red (98%)

Green (95%)

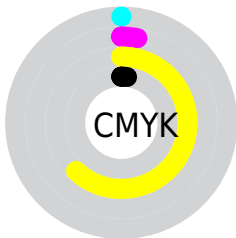
Blue (38%)



Red (41%)

Yellow (98%)

Blue (38%)

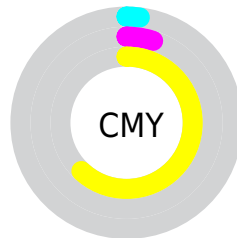


Cyan (0%)

Magenta (3%)

Yellow (62%)

Black (2%)



Cyan (2%)

Magenta (5%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 71.065, 101.868 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, 71.065, 101.868 by changing the saturation by 10% instead.

 94, 71.065,
101.868

 94, 71.065,
101.868

 100, 71.065,
101.868

 84, 71.065,
101.868

 74, 71.065,
101.868

 64, 71.065,
101.868

 54, 71.065,
101.868

 44, 71.065,
101.868

 34, 71.065,
101.868

 24, 71.065,

101.868

■ 14, 71.065,
101.868

■ 4, 71.065, 101.868

■ 94, 71.065,
101.868

■ 94, 71.065,
101.868

■ 94, 79.840,
101.047

■ 95, 60.880,
102.788

■ 93, 86.551,
100.346

■ 95, 49.807,
103.768

■ 93, 90.618, 99.786

■ 96, 38.207,
104.783

■ 92, 92.096, 99.417

■ 97, 26.314,
105.813

97, 14.272,
106.839

98, 2.172, 107.813

99, 1.665, 277.585

99, 1.259, 249.909

100, 1.298,
213.405

Harmonies

Complementary

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



94, 71.065, 101.868



51, 84.656, 298.396

Rectangle

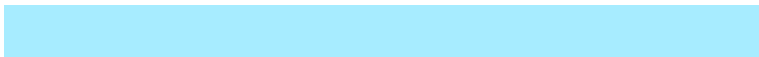
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 71.065, 101.868



94, 71.065, 151.868



94, 71.065, 281.868



94, 71.065, 331.868

Sweetspot

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



94, 71.066, 101.871



98, 23.262, 106.100



62, 65.199, 23.497



52, 15.997, 105.805



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, 71.066, 101.871



95, 82.606, 100.876



92, 79.108, 123.941



52, 6.855, 107.073



72, 74.426, 99.479



24, 32.978, 100.182

Inverse Universe

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



51, 84.656, 298.396



44, 104.272, 301.359



55, 88.535, 310.302



48, 6.994, 289.071



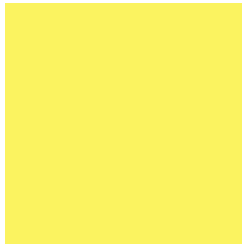
23, 104.403, 305.685



4, 40.506, 299.972

Previews

White Background



This preview shows how the CIELCh color 94, 71.065, 101.868 looks on a white background.

Color Contrast Check

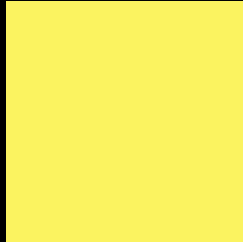
Large Text (above 18pt) WCAG AA × Fail

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, 71.065, 101.868 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, 71.065, 101.868

Background



This preview shows how black text looks on a background with the CIELCh color 94, 71.065, 101.868.

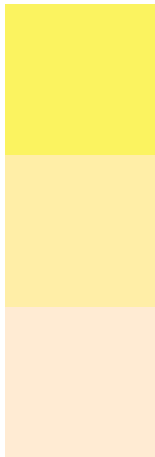


This preview shows how white text looks on a background with the CIELCh color 94, 71.065, 101.868.

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, 71.065, 101.868

Protanopia
94, 36.745, 96.738

Deuteranopia
94, 14.411, 77.940

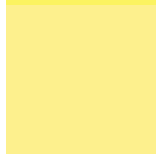


Tritanopia
94, 10.565, 344.400

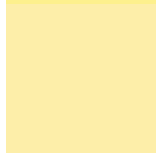
Trichromacy



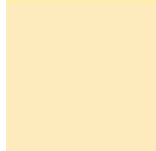
Original Color
94, 71.065, 101.868



Protanomaly
94, 50.016, 100.156



Deuteranomaly
94, 35.613, 97.804



Tritanomaly
93, 24.580, 91.898

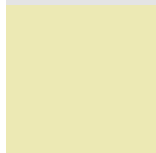
Monochromacy



Original Color
94, 71.065, 101.868



Achromatopsia
91, 0.011, 296.813



Achromatomaly
91, 27.191, 105.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 71.065, 101.868 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(251, 243, 96)` looks like.

```
.text, #text, p{  
    color:rgb(251, 243, 96)  
}
```

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(251, 243, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 71.065, 101.868 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(251, 243, 96) }
```

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

```
.border{ border-color:rgb(251, 243, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 243, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 243, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 243, 96);  
box-shadow:4px 4px 4px 4px rgb(251, 243,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 71.065, 101.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 243, 96) }
```

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

```
.background{ background-color: rgb(251,  
243, 96) }
```

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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