

Converting Colors

CIELCh(94, 76.169, 100.126)

Have a look what the booklet for
CIELCh(94, 76.169, 100.126)
contains.

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Color

CIELCh(94, 76.206, 100.041)

Conversions

Conversions Part 1

Format	Color
Hex	FFF252
RGB	255, 242, 82
RGB Percent	100%, 95%, 32%
CMY	0.0005, 0.0514, 0.6789
CMYK	0.00, 0.05, 0.68, 0.00
HSL	55°, 100%, 66%
HSV	55°, 68%, 100%
XYZ	74.4236, 85.2715, 20.4932
YIQ	227.6470, 59.1080, -47.0040

Conversions

Conversions Part 2

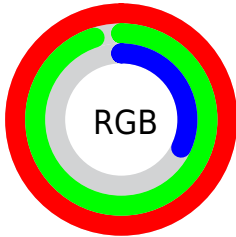
Format	Color
R _Y B	96, 255, 82
Decimal	16773714
CIE Lab	94.00, -13.29, 75.04
CIE LCh	94, 76.206, 100.041
Yxy	85.2715, 0.4130, 0.4732
Android (android.graphics.Color)	4294963794 (0xFFFFFFFF252)
YUV	227.6470, -71.8040, 23.9886
Hunter-Lab	92.3426, -17.7373, 51.4818

Details

The CIELCh color **94, 76.206, 100.041** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **48, 92.596, 299.050**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 57.233, 105.797**, and **74, 76.121, 99.860** is the 20% darker color. If you saturate the color by 10%, you get **93, 83.853, 99.205**, and if you desaturate by 10%, it is **95, 66.776, 100.974**.

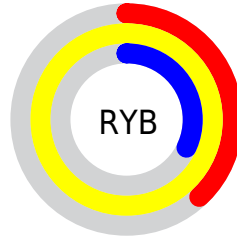
Distribution



Red (100%)

Green (95%)

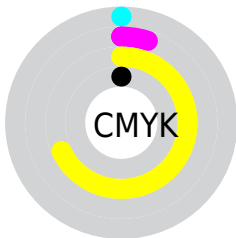
Blue (32%)



Red (38%)

Yellow (100%)

Blue (32%)

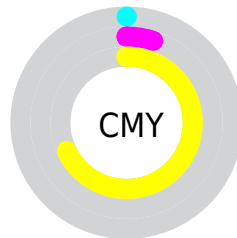


Cyan (0%)

Magenta (5%)

Yellow (68%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 76.206, 100.041 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, 76.206, 100.041 by changing the saturation by 10% instead.


 94, 76.206,
100.041


 94, 76.206,
100.041


 100, 76.206,
100.041


 84, 76.206,
100.041

 74, 76.206,
100.041

 64, 76.206,
100.041

 54, 76.206,
100.041

 44, 76.206,
100.041

 34, 76.206,
100.041

 24, 76.206,

100.041

■ 14, 76.206,
100.041

■ 4, 76.206, 100.041

■ 94, 76.206,
100.041

■ 94, 76.206,
100.041

■ 93, 83.853, 99.205

■ 95, 66.776,
100.974

■ 93, 89.029, 98.475

■ 95, 56.192,
101.970

■ 92, 91.390, 97.847

■ 92, 91.697, 97.720

■ 96, 44.915,
103.007

■ 97, 33.246,
104.063

■ 98, 21.376,
105.121

■ 99, 9.419, 106.162

100, 0.047,
213.653

Harmonies

Complementary

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



94, 76.206, 100.041



48, 92.596, 299.050

Rectangle

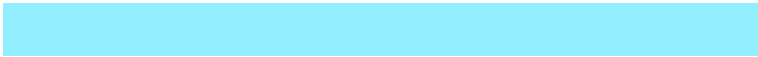
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 76.206, 100.041



94, 76.206, 150.041



94, 76.206, 280.041



94, 76.206, 330.041

Sweetspot

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



94, 76.206, 100.044



98, 23.919, 104.897



60, 72.388, 24.282



52, 16.308, 104.600



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, 76.206, 100.044



93, 85.800, 98.965



93, 86.144, 123.236



53, 6.804, 105.994



71, 73.952, 97.814



24, 33.495, 98.647

Inverse Universe

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



48, 92.596, 299.050



40, 111.510, 302.283



52, 98.157, 310.165



49, 6.935, 288.036



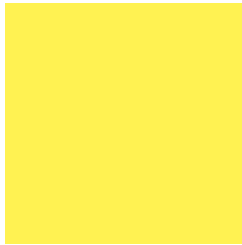
24, 104.353, 305.393



4, 41.743, 300.446

Previews

White Background



This preview shows how the CIELCh color 94, 76.206, 100.041 looks on a white background.

Color Contrast Check

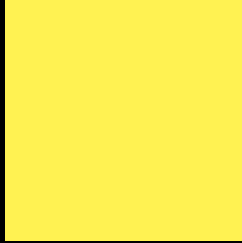
Large Text (above 18pt) WCAG AA × Fail

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, 76.206, 100.041 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, 76.206, 100.041

Background



This preview shows how black text looks on a background with the CIELCh color 94, 76.206, 100.041.



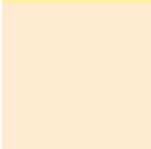


This preview shows how white text looks on a background with the CIELCh color 94, 76.206, 100.041.

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, 76.206, 100.041
	Protanopia 94, 37.237, 96.826
	Deuteranopia 94, 14.859, 78.891



Tritanopia
94, 9.443, 350.728

Trichromacy



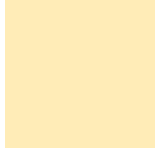
Original Color
94, 76.206, 100.041



Protanomaly
94, 52.563, 98.863



Deuteranomaly
94, 38.708, 97.072

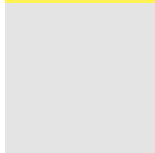


Tritanomaly
94, 28.111, 92.778

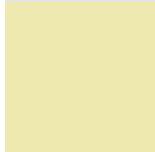
Monochromacy



Original Color
94, 76.206, 100.041



Achromatopsia
91, 0.011, 296.813



Achromatomaly
91, 29.759, 104.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 76.206, 100.041 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, 242, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 82)  
}
```

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, 242, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 76.206, 100.041 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, 242, 82) }
```

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

```
.border{ border-color:rgb(255, 242, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 76.206, 100.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 82) }
```

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

```
.background{ background-color: rgb(255,  
242, 82) }
```

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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