

Converting Colors

CIELCh(94, 63.362, 105.160)

Have a look what the booklet for
CIELCh(94, 63.362, 105.160)
contains.

CIELCh(94, 63.368, 105.164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 63.368, 105.164)

Conversions

Conversions Part 1

Format	Color
Hex	F4F473
RGB	244, 244, 115
RGB Percent	96%, 96%, 45%
CMY	0.0426, 0.0426, 0.5486
CMYK	0.00, 0.00, 0.53, 0.04
HSL	60°, 86%, 70%
HSV	60°, 53%, 96%
XYZ	72.8414, 85.2715, 28.8745
YIQ	229.2940, 41.4090, -40.1190

Conversions

Conversions Part 2

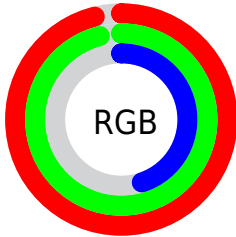
Format	Color
RYB	115, 244, 115
Decimal	16053363
CIELab	94.00, -16.58, 61.16
CIELCh	94, 63.368, 105.164
Yxy	85.2715, 0.3896, 0.4560
Android (android.graphics.Color)	4294243443 (0xFFFF4F473)
YUV	229.2940, -56.3469, 12.8972
Hunter-Lab	92.3426, -20.7958, 46.1005

Details

The CIELCh color **94, 63.368, 105.164** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **55, 73.749, 298.163**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 42.533, 106.929**, and **74, 63.527, 105.271** is the 20% darker color. If you saturate the color by 10%, you get **94, 73.491, 104.378**, and if you desaturate by 10%, it is **94, 52.237, 106.046**.

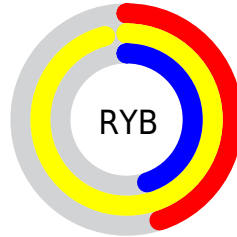
Distribution



Red (96%)

Green (96%)

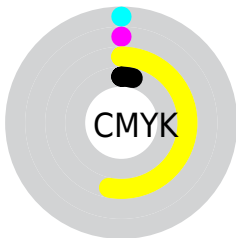
Blue (45%)



Red (45%)

Yellow (96%)

Blue (45%)

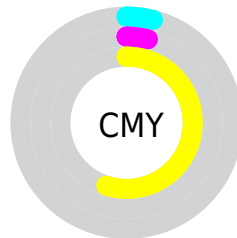


Cyan (0%)

Magenta (0%)

Yellow (53%)

Black (4%)



Cyan (4%)


Magenta (4%)

Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 63.368, 105.164 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, 63.368, 105.164 by changing the saturation by 10% instead.


 94, 63.368,
105.164


 94, 63.368,
105.164

 100, 63.368,
105.164


 84, 63.368,
105.164

 74, 63.368,
105.164

 64, 63.368,
105.164

 54, 63.368,
105.164

 44, 63.368,
105.164

 34, 63.368,
105.164

 24, 63.368,

105.164

■ 14, 63.368,
105.164

■ 4, 63.368, 105.164

■ 94, 63.368,
105.164

■ 94, 63.368,
105.164

■ 94, 73.491,
104.378

■ 94, 52.237,
106.046

■ 94, 82.080,
103.722

■ 95, 40.475,
106.984

■ 94, 88.531,
103.238

■ 95, 28.339,
107.952

■ 93, 92.390,
102.953

■ 96, 15.992,
108.928

93, 93.765,
102.853

96, 3.540, 109.884

97, 5.574, 290.617

97, 5.574, 290.618

97, 5.574, 290.618

97, 5.574, 290.619

Harmonies

Complementary

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



94, 63.368, 105.164



55, 73.749, 298.163

Rectangle

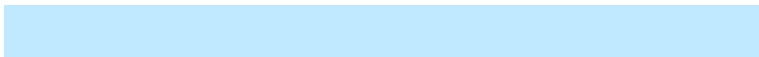
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 63.368, 105.164



94, 63.368, 155.164



94, 63.368, 285.164



94, 63.368, 335.164

Sweetspot

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



94, 63.369, 105.167



99, 20.619, 108.617



64, 54.991, 25.850



53, 13.911, 108.415



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, 63.369, 105.167



97, 76.251, 104.356



90, 68.626, 126.637



51, 7.096, 109.255



73, 76.500, 102.853



24, 33.186, 103.178

Inverse Universe

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



55, 73.749, 298.163



49, 92.691, 300.432



60, 74.304, 311.774



47, 7.256, 291.170



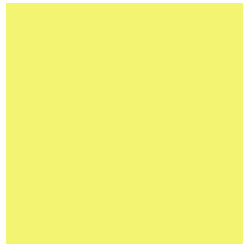
22, 105.633, 306.287



3, 39.905, 299.770

Previews

White Background



This preview shows how the CIELCh color 94, 63.368, 105.164 looks on a white background.

Color Contrast Check

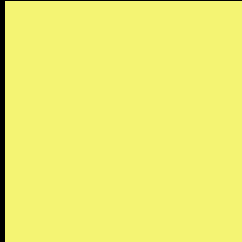
Large Text (above 18pt) WCAG AA × Fail

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, 63.368, 105.164 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, 63.368, 105.164

Background



This preview shows how black text looks on a background with the CIELCh color 94, 63.368, 105.164.

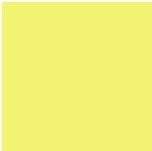

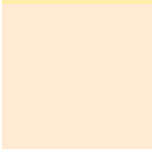


This preview shows how white text looks on a background with the CIELCh color 94, 63.368, 105.164.

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](#).

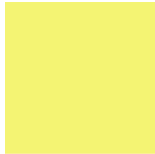
Dichromacy

	Original Color 94, 63.368, 105.164
	Protanopia 94, 36.745, 96.738
	Deuteranopia 94, 14.189, 75.632



Tritanopia
94, 11.519, 338.149

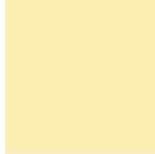
Trichromacy



Original Color
94, 63.368, 105.164



Protanomaly
94, 46.577, 101.021



Deuteranomaly
94, 32.011, 98.519

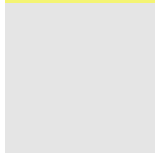


Tritanomaly
94, 20.292, 92.308

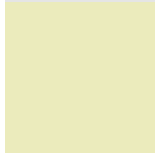
Monochromacy



Original Color
94, 63.368, 105.164



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 24.087, 108.233

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 63.368, 105.164 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(244, 244, 115)` looks like.

```
.text, #text, p{  
    color:rgb(244, 244, 115)  
}
```

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(244, 244, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 244, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 63.368, 105.164 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(244, 244, 115) }
```

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

```
.border{ border-color:rgb(244, 244, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 244, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 244, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 244, 115);  
box-shadow:4px 4px 4px 4px rgb(244, 244,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 63.368, 105.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 244, 115) }
```

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

```
.background{ background-color: rgb(244,  
244, 115) }
```

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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