

Converting Colors

CIELCh(95, 72.569, 102.864)

Have a look what the booklet for
CIELCh(95, 72.569, 102.864)
contains.

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Color

CIELCh(95, 72.576, 102.845)

Conversions

Conversions Part 1

Format	Color
Hex	FBF65F
RGB	251, 246, 95
RGB Percent	98%, 96%, 37%
CMY	0.0138, 0.0335, 0.6257
CMYK	0.00, 0.02, 0.62, 0.01
HSL	58°, 96%, 68%
HSV	58°, 62%, 99%
XYZ	75.1343, 87.6183, 23.8849
YIQ	230.2810, 51.4510, -45.9010

Conversions

Conversions Part 2

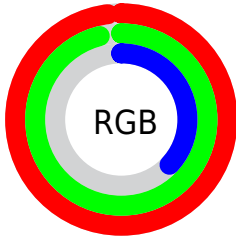
Format	Color
RYB	100, 251, 95
Decimal	16512607
CIELab	95.00, -16.13, 70.76
CIELCh	95, 72.576, 102.845
Yxy	87.6183, 0.4026, 0.4695
Android (android.graphics.Color)	4294702687 (0xFFFBF65F)
YUV	230.2810, -66.6935, 18.1706
Hunter-Lab	93.6047, -20.5303, 50.3944

Details

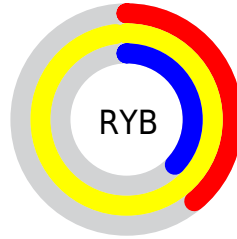
The CIELCh color **95, 72.576, 102.845** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **50, 87.072, 299.138**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 51.641, 106.227**, and **75, 72.683, 102.948** is the 20% darker color. If you saturate the color by 10%, you get **95, 81.389, 102.085**, and if you desaturate by 10%, it is **95, 62.295, 103.718**.

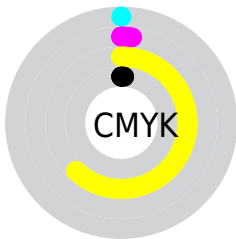
Distribution



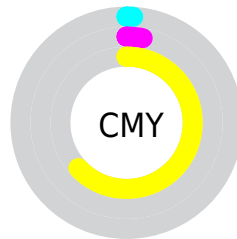
- Red (98%)
- Green (96%)
- Blue (37%)



- Red (39%)
- Yellow (98%)
- Blue (37%)



- Cyan (0%)
- Magenta (2%)
- Yellow (62%)
- Black (1%)




- Cyan (1%)
- Magenta (3%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 72.576, 102.845 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 95, 72.576, 102.845 by changing the saturation by 10% instead.

 95, 72.576,
102.845


 95, 72.576,
102.845

 100, 72.576,
102.845


 85, 72.576,
102.845

 75, 72.576,
102.845

 65, 72.576,
102.845

 55, 72.576,
102.845

 45, 72.576,
102.845

 35, 72.576,
102.845

 25, 72.576,

102.845

■ 15, 72.576,
102.845

■ 5, 72.576, 102.845

■ 95, 72.576,
102.845

■ 95, 72.576,
102.845

■ 95, 81.389,
102.085

■ 95, 62.295,
103.718

■ 94, 88.089,
101.465

■ 96, 51.073,
104.661

■ 94, 92.134,
101.009

■ 96, 39.284,
105.649

■ 94, 93.603,
100.748

■ 97, 27.169,
106.656

98, 14.882,
107.664

99, 2.519, 108.631

99, 1.490, 281.704

99, 1.171, 264.791

99, 1.014, 239.507

Harmonies

Complementary

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



95, 72.576, 102.845



50, 87.072, 299.138

Rectangle

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



95, 72.576, 102.845



95, 72.576, 152.845



95, 72.576, 282.845



95, 72.576, 332.845

Sweetspot

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



95, 72.577, 102.847



99, 23.707, 106.962



61, 66.500, 25.944



52, 16.300, 106.673



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 72.577, 102.847



96, 83.806, 101.948



92, 80.271, 125.179



52, 6.989, 107.918



73, 75.465, 100.785



24, 33.498, 101.302

Inverse Universe

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



50, 87.072, 299.138



43, 106.346, 301.950



56, 89.070, 311.248



48, 7.138, 289.886



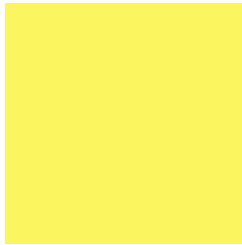
23, 105.255, 305.911



3, 41.078, 300.297

Previews

White Background



This preview shows how the CIELCh color 95, 72.576, 102.845 looks on a white background.

Color Contrast Check

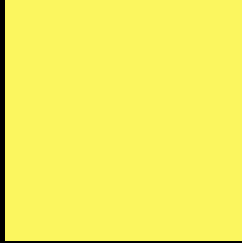
Large Text (above 18pt) WCAG AA × Fail

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 95, 72.576, 102.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

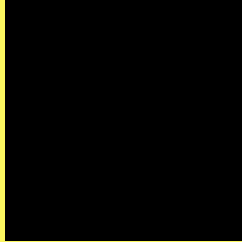
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 72.576, 102.845

Background



This preview shows how black text looks on a background with the CIELCh color 95, 72.576, 102.845.

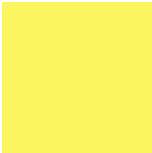
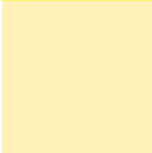
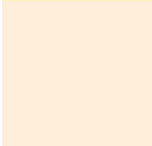



This preview shows how white text looks on a background with the CIELCh color 95, 72.576, 102.845.

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](#).

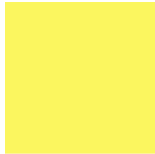
Dichromacy

	Original Color 95, 72.576, 102.845
	Protanopia 95, 29.526, 97.300
	Deuteranopia 95, 12.009, 77.799



Tritanopia
95, 8.787, 344.253

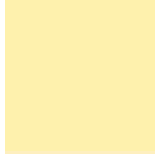
Trichromacy



Original Color
95, 72.576, 102.845



Protanomaly
95, 46.007, 101.058



Deuteranomaly
95, 34.912, 99.040

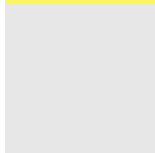


Tritanomaly
95, 25.183, 95.012

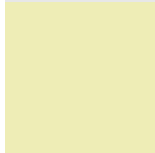
Monochromacy



Original Color
95, 72.576, 102.845



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 28.100, 107.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 72.576, 102.845 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, 246, 95)` looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 95)  
}
```

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, 246, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 72.576, 102.845 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, 246, 95) }
```

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

```
.border{ border-color:rgb(251, 246, 95) }
```

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

Here you see how a box with a 4 pixel rgb(251, 246, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 95);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 72.576, 102.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 246, 95) }
```

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

```
.background{ background-color: rgb(251,  
246, 95) }
```

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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