

Converting Colors

CIELCh(93, 74.539, 95.268)

Have a look what the booklet for
CIELCh(93, 74.539, 95.268) contains.

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Color

CIELCh(92, 73.902, 97.657)

Conversions

Conversions Part 1

Format	Color
Hex	FEEA51
RGB	254, 234, 81
RGB Percent	100%, 92%, 32%
CMY	0.0031, 0.0813, 0.6814
CMYK	0.00, 0.08, 0.68, 0.00
HSL	53°, 99%, 66%
HSV	53°, 68%, 100%
XYZ	71.9417, 80.7044, 19.6195
YIQ	222.5380, 61.0330, -43.3430

Conversions

Conversions Part 2

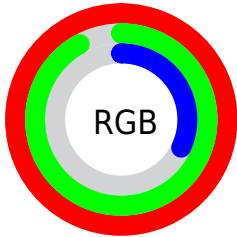
Format	Color
RYB	104, 254, 81
Decimal	16706129
CIELab	92.00, -9.85, 73.24
CIELCh	92, 73.902, 97.657
Yxy	80.7044, 0.4176, 0.4685
Android (android.graphics.Color)	4294896209 (0xFFFEA51)
YUV	222.5380, -69.7782, 27.5922
Hunter-Lab	89.8356, -14.2669, 49.9364

Details

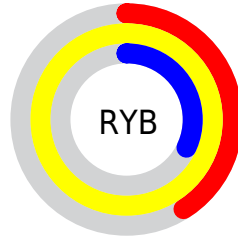
The CIELCh color **92, 73.902, 97.657** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **50, 88.373, 297.555**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 57.693, 105.762**, and **72, 74.056, 97.661** is the 20% darker color. If you saturate the color by 10%, you get **91, 81.457, 96.670**, and if you desaturate by 10%, it is **93, 64.641, 98.702**.

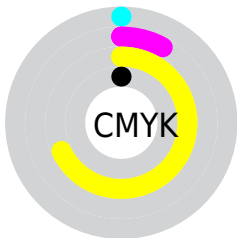
Distribution



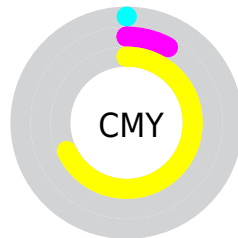
- Red (100%)
- Green (92%)
- Blue (32%)



- Red (41%)
- Yellow (100%)
- Blue (32%)



- Cyan (0%)
- Magenta (8%)
- Yellow (68%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 73.902, 97.657 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 92, 73.902, 97.657 by changing the saturation by 10% instead.

 92, 73.902, 97.657

 92, 73.902, 97.657

 100, 73.902,
97.657

 82, 73.902, 97.657

 72, 73.902, 97.657

 62, 73.902, 97.657

 52, 73.902, 97.657

 42, 73.902, 97.657

 32, 73.902, 97.657

 22, 73.902, 97.657

 12, 73.902, 97.657

 2, 73.902, 97.657

■ 92, 73.902, 97.657

■ 92, 73.902, 97.657

■ 91, 81.457, 96.670

■ 93, 64.641, 98.702

■ 90, 86.573, 95.736

■ 94, 54.313, 99.785

■ 90, 88.845, 94.834

■ 95, 43.370,
100.890

■ 89, 89.117, 94.659

■ 96, 32.099,
102.003

■ 97, 20.674,
103.106

■ 99, 9.201, 104.186

100, 0.232,
231.180

100, 0.276,
201.794

Harmonies

Complementary

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



92, 73.902, 97.657



50, 88.373, 297.555

Rectangle

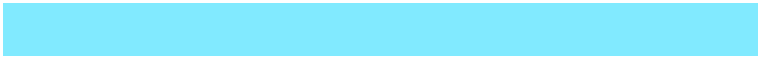
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 73.902, 97.657



92, 73.902, 147.657



92, 73.902, 277.657



92, 73.902, 327.657

Sweetspot

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



92, 73.902, 97.660



97, 22.982, 102.891



60, 71.479, 21.885



52, 15.676, 102.581



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 73.902, 97.660



91, 84.020, 96.293



93, 85.372, 121.920



53, 6.528, 104.030



69, 72.037, 94.813



24, 32.462, 96.047

Inverse Universe

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



50, 88.373, 297.555



41, 108.240, 301.255



51, 98.319, 309.319



49, 6.640, 286.141



25, 101.849, 304.708



5, 40.461, 299.645

Previews

White Background



This preview shows how the CIELCh color 92, 73.902, 97.657 looks on a white background.

Color Contrast Check

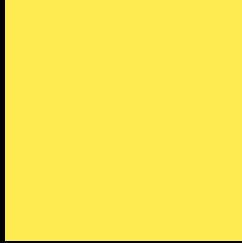
Large Text (above 18pt) WCAG AA × Fail

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 92, 73.902, 97.657 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 92, 73.902, 97.657

Background



This preview shows how black text looks on a background with the CIELCh color 92, 73.902, 97.657.



This preview shows how white text looks on a background with the CIELCh color 92, 73.902, 97.657.

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

92, 73.898, 97.631

Protanopia

92, 55.120, 95.791

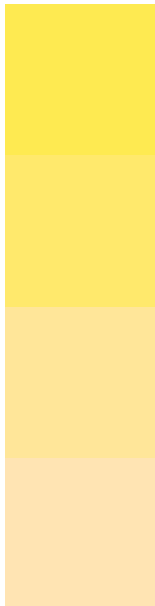
Deuteranopia

92, 20.412, 78.243



Tritanopia
92, 12.530, 353.397

Trichromacy



Original Color
92, 73.898, 97.631

Protanomaly
92, 62.652, 96.675

Deuteranomaly
92, 40.652, 92.580

Tritanomaly
92, 27.418, 85.420

Monochromacy



Original Color
92, 73.898, 97.631

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 28.947, 102.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 73.902, 97.657 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(254, 234, 81)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 81)  
}
```

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(254, 234, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 73.902, 97.657 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(254, 234, 81) }
```

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

```
.border{ border-color:rgb(254, 234, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 81);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 73.902, 97.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 81) }
```

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

```
.background{ background-color: rgb(254,  
234, 81) }
```

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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