

Converting Colors

CIELCh(92, 73.007, 102.316)

Have a look what the booklet for
CIELCh(92, 73.007, 102.316)
contains.

CIELCh(92, 73.007, 102.336)	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(92, 73.007, 102.336)

Conversions

Conversions Part 1

Format	Color
Hex	F4EE56
RGB	244, 238, 86
RGB Percent	96%, 93%, 34%
CMY	0.0450, 0.0684, 0.6645
CMYK	0.00, 0.02, 0.65, 0.04
HSL	58°, 87%, 65%
HSV	58°, 65%, 96%
XYZ	69.2522, 80.7044, 20.6379
YIQ	222.4660, 52.3680, -46.0000

Conversions

Conversions Part 2

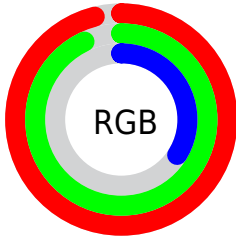
Format	Color
R_{YB}	92, 244, 86
Decimal	16051798
CIE _{Lab}	92.00, -15.60, 71.32
CIE _{LCh}	92, 73.007, 102.336
Yxy	80.7044, 0.4059, 0.4731
Android (android.graphics.Color)	4294241878 (0xFFFF4EE56)
YUV	222.4660, -67.2777, 18.8853
Hunter-Lab	89.8356, -19.6109, 49.2643

Details

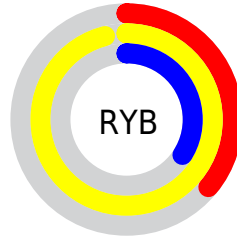
The CIELCh color **92, 73.007, 102.336** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **47, 88.514, 299.586**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 55.849, 105.903**, and **72, 72.878, 102.364** is the 20% darker color. If you saturate the color by 10%, you get **92, 81.085, 101.594**, and if you desaturate by 10%, it is **92, 63.348, 103.196**.

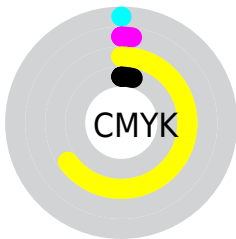
Distribution



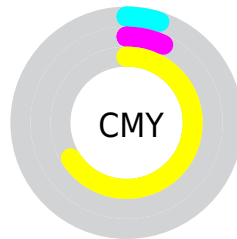
- Red (96%)
- Green (93%)
- Blue (34%)



- Red (36%)
- Yellow (96%)
- Blue (34%)



- Cyan (0%)
- Magenta (2%)
- Yellow (65%)
- Black (4%)





- Cyan (5%)
- Magenta (7%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 73.007, 102.336 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, 73.007, 102.336 by changing the saturation by 10% instead.


 92, 73.007,
102.336


 92, 73.007,
102.336


 100, 73.007,
102.336


 82, 73.007,
102.336

 72, 73.007,
102.336

 62, 73.007,
102.336

 52, 73.007,
102.336

 42, 73.007,
102.336

 32, 73.007,
102.336

 22, 73.007,

102.336

■ 12, 73.007,
102.336

■ 2, 73.007, 102.336

■ 92, 73.007,
102.336

■ 92, 73.007,
102.336

■ 92, 81.085,
101.594

■ 92, 63.348,
103.196

■ 91, 86.948,
100.994

■ 93, 52.660,
104.131

■ 91, 90.147,
100.553

■ 94, 41.344,
105.116

■ 91, 90.984,
100.371

■ 94, 29.665,
106.125

■ 95, 17.790,
107.139

■ 96, 5.824, 108.134

■ 96, 5.640, 288.966

■ 97, 5.181, 285.266

■ 97, 4.747, 280.875

Harmonies

Complementary

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



92, 73.007, 102.336



47, 88.514, 299.586

Rectangle

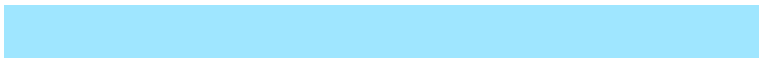
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 73.007, 102.336



92, 73.007, 152.336



92, 73.007, 282.336



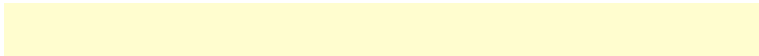
92, 73.007, 332.336

Sweetspot

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



92, 73.008, 102.338



98, 23.578, 106.716



59, 67.481, 25.606



52, 16.212, 106.425



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, 73.008, 102.338



95, 86.266, 101.377



89, 80.820, 124.523



51, 6.834, 107.679



71, 74.404, 100.414



23, 32.158, 101.099

Inverse Universe

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



47, 88.514, 299.586



41, 111.462, 302.681



52, 90.572, 310.908



47, 6.977, 289.651



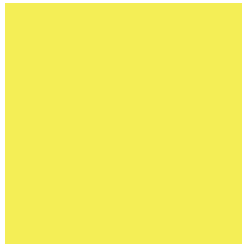
23, 103.920, 305.838



3, 38.855, 299.150

Previews

White Background



This preview shows how the CIELCh color 92, 73.007, 102.336 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, 73.007, 102.336 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, 73.007, 102.336

Background



This preview shows how black text looks on a background with the CIELCh color 92, 73.007, 102.336.

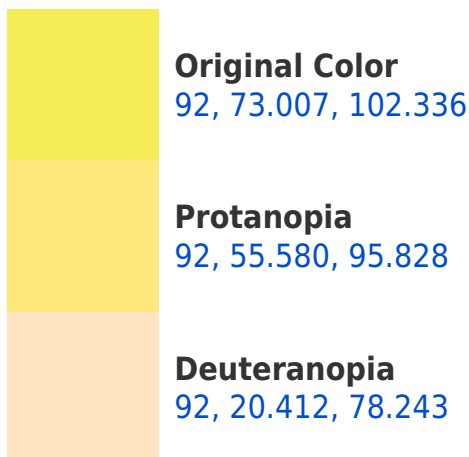


This preview shows how white text looks on a background with the CIELCh color 92, 73.007, 102.336.

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](#).

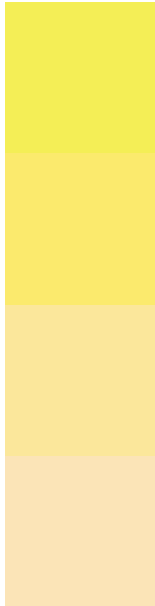
Dichromacy





Tritanopia
92, 14.139, 344.693

Trichromacy



Original Color
92, 73.007, 102.336

Protanomaly
92, 62.314, 98.603

Deuteranomaly
92, 39.642, 95.306

Tritanomaly
91, 24.885, 87.215

Monochromacy



Original Color
92, 73.007, 102.336

Achromatopsia
88, 0.011, 296.813

Achromatomaly
90, 28.808, 106.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 73.007, 102.336 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, 238, 86)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 86)  
}
```

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, 238, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 73.007, 102.336 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, 238, 86) }
```

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

```
.border{ border-color:rgb(244, 238, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 86);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 73.007, 102.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 86) }
```

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

```
.background{ background-color: rgb(244,  
238, 86) }
```

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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