

Converting Colors

CIELCh(92, 37.236, 104.441)

Have a look what the booklet for
CIELCh(92, 37.236, 104.441)
contains.

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Color

CIELCh(92, 37.222, 104.119)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBA2
RGB	240, 235, 162
RGB Percent	94%, 92%, 64%
CMY	0.0580, 0.0776, 0.3640
CMYK	0.00, 0.02, 0.32, 0.06
HSL	56°, 72%, 79%
HSV	56°, 32%, 94%
XYZ	72.3056, 80.7044, 46.0355
YIQ	228.1730, 26.4130, -21.6430

Conversions

Conversions Part 2

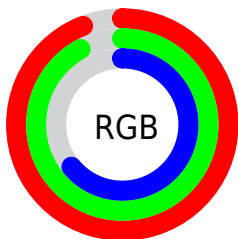
Format	Color
R_{YB}	167, 240, 162
Decimal	15788962
CIE _{Lab}	92.00, -9.08, 36.10
CIE _{LCh}	92, 37.222, 104.119
Yxy	80.7044, 0.3633, 0.4055
Android (android.graphics.Color)	4293979042 (0xFFFF0EBA2)
YUV	228.1730, -32.6233, 10.3723
Hunter-Lab	89.8356, -13.5438, 32.5023

Details

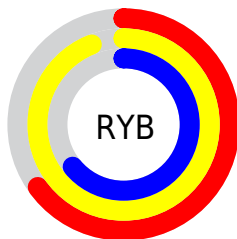
The CIELCh color **92, 37.222, 104.119** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71, 39.924, 291.779**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **72, 37.295, 103.859** is the 20% darker color. If you saturate the color by 10%, you get **91, 48.297, 103.092**, and if you desaturate by 10%, it is **93, 25.874, 105.165**.

Distribution



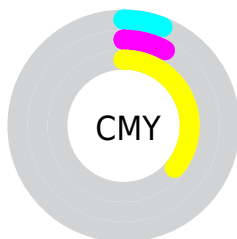
- Red (94%)
- Green (92%)
- Blue (64%)



- Red (65%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (8%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 37.222, 104.119 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, 37.222, 104.119 by changing the saturation by 10% instead.


 92, 37.222,
104.119


 92, 37.222,
104.119


 100, 37.222,
104.119


 82, 37.222,
104.119

 72, 37.222,
104.119

 62, 37.222,
104.119

 52, 37.222,
104.119

 42, 37.222,
104.119

 32, 37.222,
104.119

 22, 37.222,

104.119

■ 12, 37.222,
104.119

■ 2, 37.222, 104.119

■ 92, 37.222,
104.119

■ 92, 37.222,
104.119

■ 91, 48.297,
103.092

■ 93, 25.874,
105.165

■ 91, 58.867,
102.094

■ 94, 14.387,
106.202

■ 90, 68.584,
101.153

■ 95, 2.849, 107.196

■ 89, 76.937,
100.298

■ 96, 7.012, 287.472

■ 96, 6.264, 282.152

89, 83.285, 99.554

96, 5.585, 275.483

88, 87.064, 98.934

97, 5.001, 267.137

88, 88.361, 98.534

97, 4.548, 256.890

97, 4.268, 244.880

Harmonies

Complementary

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



92, 37.222, 104.119



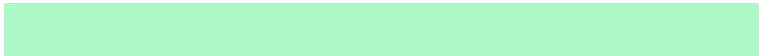
71, 39.924, 291.779

Rectangle

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



92, 37.222, 104.119



92, 37.222, 154.119



92, 37.222, 284.119



92, 37.222, 334.119

Sweetspot

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



92, 37.224, 104.123



99, 12.102, 106.452



74, 30.972, 17.187



53, 8.257, 106.308



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

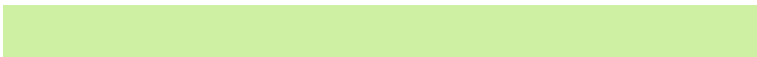
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 37.224, 104.123



96, 46.693, 103.435



91, 41.778, 125.103



50, 6.540, 106.509



69, 72.291, 98.611



21, 30.229, 99.702

Inverse Universe

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



71, 39.924, 291.779



70, 51.013, 292.968



72, 44.068, 308.479



46, 6.669, 288.519



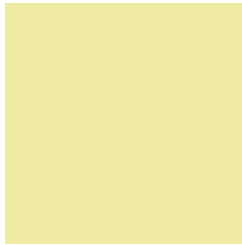
23, 101.647, 305.508



3, 36.124, 297.618

Previews

White Background



This preview shows how the CIELCh color 92, 37.222, 104.119 looks on a white background.

Color Contrast Check

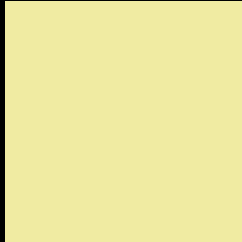
Large Text (above 18pt) WCAG AA × Fail

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, 37.222, 104.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

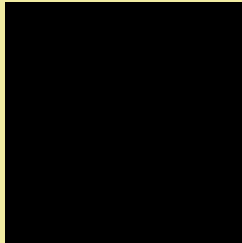
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 37.222, 104.119

Background



This preview shows how black text looks on a background with the CIELCh color 92, 37.222, 104.119.

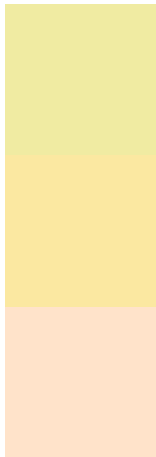


This preview shows how white text looks on a background with the CIELCh color 92, 37.222, 104.119.

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, 37.222, 104.119

Protanopia

92, 37.075, 95.423

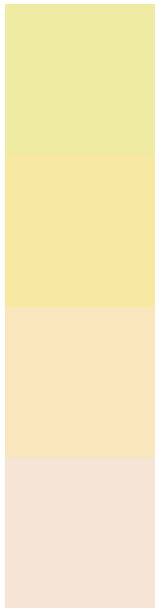
Deuteranopia

92, 16.751, 69.776



Tritanopia
92, 12.892, 334.136

Trichromacy



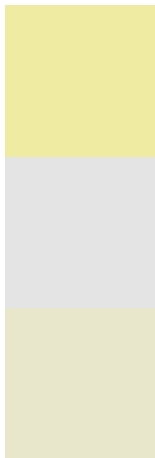
Original Color
92, 37.222, 104.119

Protanomaly
92, 37.163, 98.566

Deuteranomaly
92, 22.969, 88.792

Tritanomaly
92, 9.961, 70.373

Monochromacy



Original Color
92, 37.222, 104.119

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 13.919, 107.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 37.222, 104.119 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(240, 235, 162)` looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 162)  
}
```

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(240, 235, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 37.222, 104.119 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(240, 235, 162) }
```

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

```
.border{ border-color:rgb(240, 235, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 235, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 162);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 37.222, 104.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 235, 162) }
```

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

```
.background{ background-color: rgb(240,  
235, 162) }
```

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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