

Converting Colors

CIELCh(92, 32.409, 103.509)

Have a look what the booklet for
CIELCh(92, 32.409, 103.509)
contains.

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Color

CIELCh(92, 32.730, 104.107)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBAB
RGB	240, 235, 171
RGB Percent	94%, 92%, 67%
CMY	0.0597, 0.0793, 0.3302
CMYK	0.00, 0.02, 0.29, 0.06
HSL	56°, 69%, 81%
HSV	56°, 29%, 94%
XYZ	72.8308, 80.7044, 50.1593
YIQ	229.1990, 23.5240, -18.8440

Conversions

Conversions Part 2

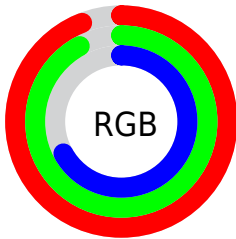
Format	Color
RYB	176, 240, 171
Decimal	15788971
CIELab	92.00, -7.98, 31.74
CIELCh	92, 32.730, 104.107
Yxy	80.7044, 0.3575, 0.3962
Android (android.graphics.Color)	4293979051 (0xFFFF0EBAB)
YUV	229.1990, -28.6921, 9.4725
Hunter-Lab	89.8356, -12.5003, 29.7806

Details

The CIELCh color **92, 32.730, 104.107** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73, 34.728, 290.814**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **72, 32.663, 103.992** is the 20% darker color. If you saturate the color by 10%, you get **91, 43.839, 103.063**, and if you desaturate by 10%, it is **93, 21.418, 105.163**.

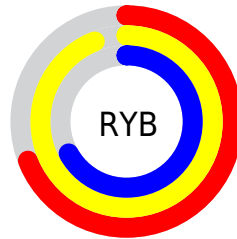
Distribution



Red (94%)

Green (92%)

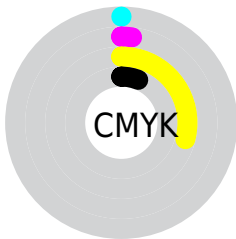
Blue (67%)



Red (69%)

Yellow (94%)

Blue (67%)

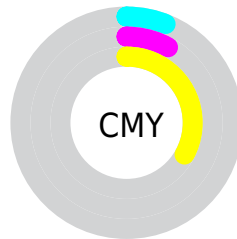


Cyan (0%)

Magenta (2%)

Yellow (29%)

Black (6%)



Cyan (6%)


Magenta (8%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 32.730, 104.107 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, 32.730, 104.107 by changing the saturation by 10% instead.


 92, 32.730,
104.107


 92, 32.730,
104.107


 100, 32.730,
104.107


 82, 32.730,
104.107

 72, 32.730,
104.107

 62, 32.730,
104.107

 52, 32.730,
104.107

 42, 32.730,
104.107

 32, 32.730,
104.107

 22, 32.730,

104.107

■ 12, 32.730,
104.107

■ 2, 32.730, 104.107

■ 92, 32.730,
104.107

■ 92, 32.730,
104.107

■ 91, 43.839,
103.063

■ 93, 21.418,
105.163

■ 90, 54.553,
102.036

■ 94, 10.012,
106.200

■ 90, 64.578,
101.053

■ 95, 1.415, 287.308

■ 89, 73.467,
100.139

■ 96, 6.843, 285.098

■ 96, 6.037, 278.540

■ 89, 80.614, 99.320

■ 96, 5.333, 270.135

■ 88, 85.378, 98.613

■ 97, 4.776, 259.514

■ 88, 87.546, 98.009

■ 97, 4.419, 246.689

■ 87, 87.735, 97.937

■ 98, 4.313, 232.484

Harmonies

Complementary

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



92, 32.730, 104.107



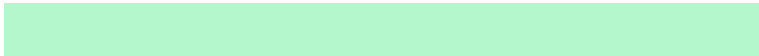
73, 34.728, 290.814

Rectangle

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



92, 32.730, 104.107



92, 32.730, 154.107



92, 32.730, 284.107



92, 32.730, 334.107

Sweetspot

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



92, 32.732, 104.111



99, 10.800, 106.173



76, 27.066, 15.383



53, 7.506, 106.024



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, 32.732, 104.111



97, 41.713, 103.444



91, 36.881, 124.666



50, 6.485, 106.128



69, 71.882, 98.025



21, 30.013, 99.201

Inverse Universe

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



73, 34.728, 290.814



73, 44.981, 291.888



75, 38.700, 307.692



46, 6.610, 288.151



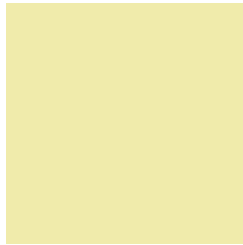
23, 101.235, 305.395



3, 35.908, 297.464

Previews

White Background



This preview shows how the CIELCh color 92, 32.730, 104.107 looks on a white background.

Color Contrast Check

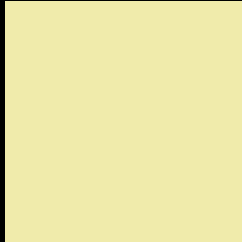
Large Text (above 18pt) WCAG AA × Fail

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, 32.730, 104.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

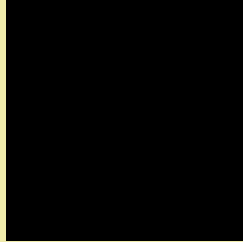
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 32.730, 104.107

Background



This preview shows how black text looks on a background with the CIELCh color 92, 32.730, 104.107.



This preview shows how white text looks on a background with the CIELCh color 92, 32.730, 104.107.

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, 32.730, 104.107

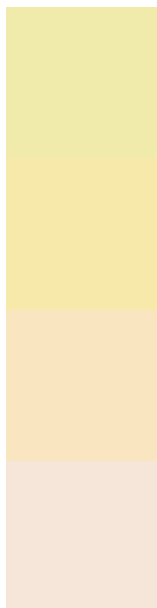
Protanopia
92, 32.956, 95.800

Deuteranopia
92, 15.943, 67.589



Tritanopia
92, 12.651, 332.942

Trichromacy



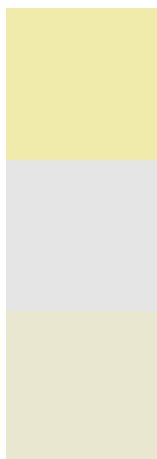
Original Color
92, 32.730, 104.107

Protanomaly
92, 32.631, 98.539

Deuteranomaly
92, 20.890, 88.179

Tritanomaly
92, 8.791, 64.247

Monochromacy



Original Color
92, 32.730, 104.107

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 11.875, 105.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 32.730, 104.107 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 32.730, 104.107 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, 171) }
```

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

```
.border{ border-color:rgb(240, 235, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 171);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 32.730, 104.107 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, 171) }
```

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

```
.background{ background-color: rgb(240,  
235, 171) }
```

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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