

Converting Colors

CIELCh(92, 14.030, 107.084)

Have a look what the booklet for
CIELCh(92, 14.030, 107.084)
contains.

CIELCh(92, 14.399, 107.538)	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, 14.399, 107.538)

Conversions

Conversions Part 1

Format	Color
Hex	EBEACE
RGB	235, 234, 206
RGB Percent	92%, 92%, 81%
CMY	0.0797, 0.0836, 0.1934
CMYK	0.00, 0.00, 0.12, 0.08
HSL	58°, 42%, 86%
HSV	58°, 12%, 92%
XYZ	74.5822, 80.7044, 69.8337
YIQ	231.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

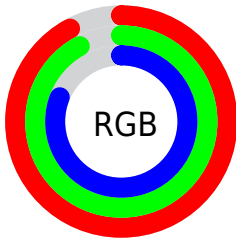
Format	Color
R_{YB}	207, 235, 206
Decimal	15461070
CIE _{Lab}	92.00, -4.34, 13.73
CIE _{LCh}	92, 14.399, 107.538
Yxy	80.7044, 0.3313, 0.3585
Android (android.graphics.Color)	4293651150 (0xFFEBEACE)
YUV	231.1070, -12.3778, 3.4142
Hunter-Lab	89.8356, -9.0205, 16.7959

Details

The CIELCh color **92, 14.399, 107.538** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 14.788, 290.127**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 14.065, 107.178** is the 20% darker color. If you saturate the color by 10%, you get **91, 25.992, 106.539**, and if you desaturate by 10%, it is **93, 2.738, 108.516**.

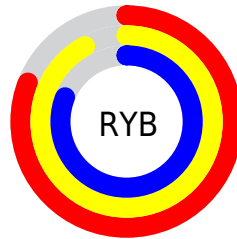
Distribution



Red (92%)

Green (92%)

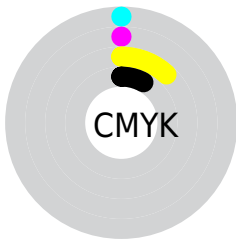
Blue (81%)



Red (81%)

Yellow (92%)

Blue (81%)

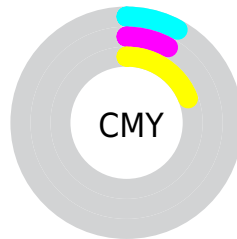


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (8%)



Cyan (8%)


Magenta (8%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 14.399, 107.538 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, 14.399, 107.538 by changing the saturation by 10% instead.


 92, 14.399,
107.538


 92, 14.399,
107.538


 100, 14.399,
107.538


 82, 14.399,
107.538


 72, 14.399,
107.538

 62, 14.399,
107.538

 52, 14.399,
107.538

 42, 14.399,
107.538

 32, 14.399,
107.538

 22, 14.399,

107.538

■ 12, 14.399,
107.538

■ 2, 14.399, 107.538

■ 92, 14.399,
107.538

■ 92, 14.399,
107.538

■ 91, 25.992,
106.539

■ 93, 2.738, 108.516

■ 91, 37.421,
105.533

■ 94, 8.939, 289.531

■ 94, 9.753, 288.093

■ 90, 48.543,
104.547

■ 94, 9.347, 286.245

■ 90, 59.128,
103.604

■ 94, 8.952, 284.235

■ 94, 8.568, 282.045

■ 89, 68.828,
102.733

■ 95, 8.199, 279.656

■ 89, 77.144,
101.968

■ 95, 7.845, 277.051

■ 89, 83.471,
101.342

■ 95, 7.508, 274.209

■ 88, 87.296,
100.877

■ 88, 88.702,
100.612

Harmonies

Complementary

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



92, 14.399, 107.538



84, 14.788, 290.127

Rectangle

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



92, 14.399, 107.538



92, 14.399, 157.538



92, 14.399, 287.538



92, 14.399, 337.538

Sweetspot

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



92, 14.401, 107.545



100, 4.985, 108.365



85, 10.791, 16.156



53, 3.544, 108.293



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, 14.401, 107.545



99, 18.696, 107.273



91, 15.719, 126.731



49, 6.622, 107.833



70, 73.070, 100.651



21, 29.737, 101.606

Inverse Universe

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



84, 14.788, 290.127



88, 19.308, 290.460



84, 16.022, 307.892



45, 6.761, 289.791



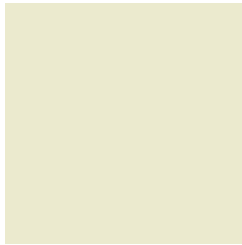
22, 101.896, 305.865



3, 34.881, 297.125

Previews

White Background



This preview shows how the CIE LCh color 92, 14.399, 107.538 looks on a white background.

Color Contrast Check

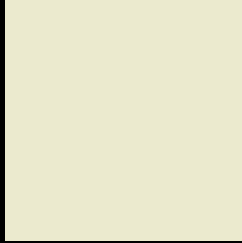
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 14.399, 107.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

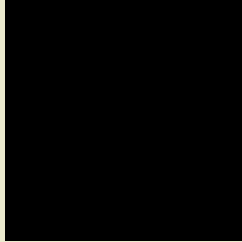
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

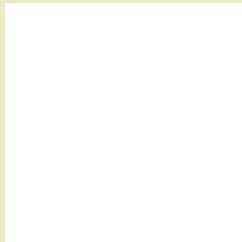
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 14.399, 107.538

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.399, 107.538.



This preview shows how white text looks on a background with the CIELCh color 92, 14.399, 107.538.

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, 14.399, 107.538

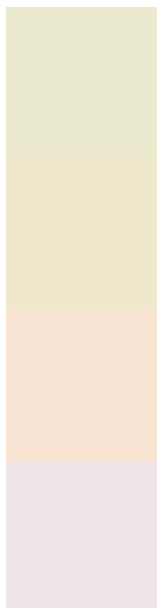
Protanopia
92, 14.495, 92.523

Deuteranopia
92, 12.197, 47.597



Tritanopia
92, 10.272, 314.954

Trichromacy



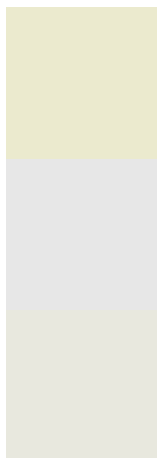
Original Color
92, 14.399, 107.538

Protanomaly
92, 14.132, 98.394

Deuteranomaly
92, 11.254, 70.580

Tritanomaly
92, 2.915, 9.204

Monochromacy



Original Color
92, 14.399, 107.538

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.151, 109.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.399, 107.538 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(235, 234, 206)` looks like.

```
.text, #text, p{  
    color:rgb(235, 234, 206)  
}
```

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(235, 234, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 234, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.399, 107.538 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(235, 234, 206) }
```

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

```
.border{ border-color:rgb(235, 234, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 234, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 234, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 234, 206);  
box-shadow:4px 4px 4px 4px rgb(235, 234,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.399, 107.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 234, 206) }
```

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

```
.background{ background-color: rgb(235,  
234, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor