

Converting Colors

CIELCh(92, 4.318, 113.451)

Have a look what the booklet for
CIELCh(92, 4.318, 113.451) contains.

CIELCh(92, 4.650, 114.232)	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, 4.650, 114.232)

Conversions

Conversions Part 1

Format	Color
Hex	E8E9E0
RGB	232, 233, 224
RGB Percent	91%, 91%, 88%
CMY	0.0907, 0.0868, 0.1221
CMYK	0.00, 0.00, 0.04, 0.09
HSL	67°, 17%, 90%
HSV	67°, 4%, 91%
XYZ	75.7675, 80.7044, 82.0059
YIQ	231.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

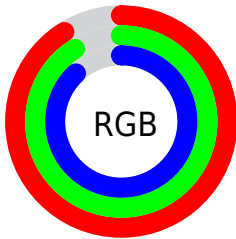
Format	Color
RYB	224, 233, 225
Decimal	15264224
CIELab	92.00, -1.91, 4.24
CIELCh	92, 4.650, 114.232
Yxy	80.7044, 0.3177, 0.3384
Android (android.graphics.Color)	4293454304 (0xFFE8E9E0)
YUV	231.6750, -3.7838, 0.2850
Hunter-Lab	89.8356, -6.6651, 8.7624

Details

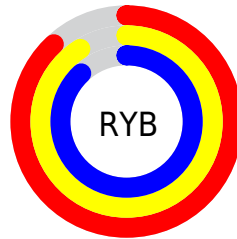
The CIELCh color $92, 4.650, 114.232$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $89, 4.711, 294.877$, and the grayscale version is $92, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $72, 4.357, 114.739$ is the 20% darker color. If you saturate the color by 10%, you get $91, 16.679, 113.451$, and if you desaturate by 10%, it is $93, 7.414, 295.039$.

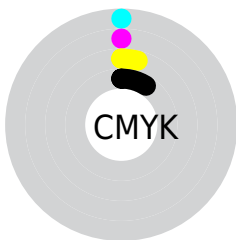
Distribution



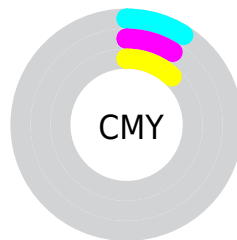
- Red (91%)
- Green (91%)
- Blue (88%)



- Red (88%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.650, 114.232 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, 4.650, 114.232 by changing the saturation by 10% instead.

92, 4.650, 114.232

92, 4.650, 114.232

100, 4.650,
114.232

82, 4.650, 114.232

72, 4.650, 114.232

62, 4.650, 114.232

52, 4.650, 114.232

42, 4.650, 114.232

32, 4.650, 114.232

22, 4.650, 114.232

12, 4.650, 114.232

2, 4.650, 114.232

92, 4.650, 114.232

92, 4.650, 114.232

91, 16.679,
113.451

93, 7.414, 295.039

91, 28.598,
112.641

93, 11.547,
298.215

90, 40.301,
111.841

93, 11.701,
302.559

90, 51.628,
111.077

94, 11.920,
306.788

89, 62.330,
110.385

94, 12.201,
310.864

89, 72.039,
109.815

94, 12.540,
314.758

88, 80.252,
109.431

94, 12.933,
318.450

88, 86.396,
109.306

94, 13.378,
321.928

■ 88, 90.052,
109.498

■ 95, 13.821,
324.899

Harmonies

Complementary

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



92, 4.650, 114.232



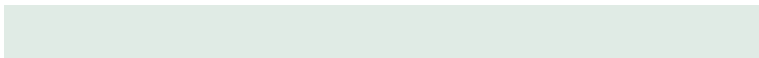
89, 4.711, 294.877

Rectangle

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



92, 4.650, 114.232



92, 4.650, 164.232



92, 4.650, 294.232



92, 4.650, 344.232

Sweetspot

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



92, 4.652, 114.249



100, 1.287, 114.460



90, 2.952, 28.487



53, 0.731, 114.463



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, 4.652, 114.249



100, 6.479, 114.158



92, 5.048, 132.357



49, 4.128, 114.106



70, 75.593, 109.638



21, 30.802, 109.612

Inverse Universe

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



89, 4.711, 294.877



96, 6.570, 294.973



90, 5.088, 312.610



47, 4.190, 295.029



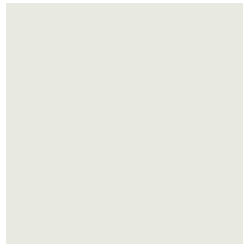
22, 102.825, 306.677



3, 35.987, 300.382

Previews

White Background



This preview shows how the CIELCh color 92, 4.650, 114.232 looks on a white background.

Color Contrast Check

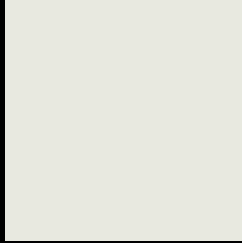
Large Text (above 18pt) WCAG AA × Fail

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, 4.650, 114.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

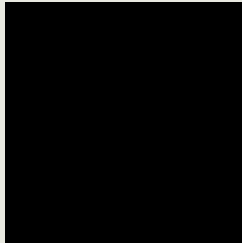
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

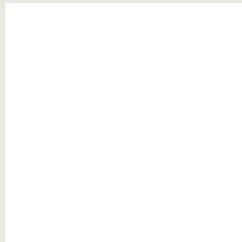
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.650, 114.232

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.650, 114.232.

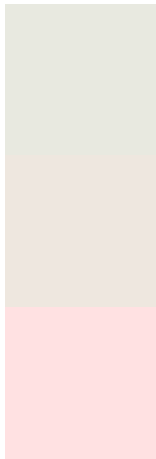


This preview shows how white text looks on a background with the CIELCh color 92, 4.650, 114.232.

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

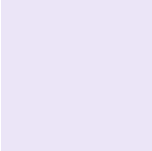
92, 4.650, 114.232

Protanopia

92, 4.821, 78.074

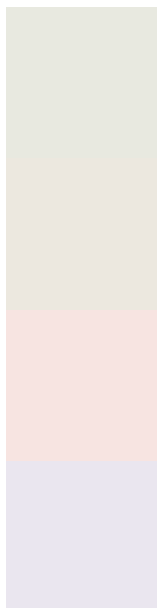
Deuteranopia

92, 10.965, 17.446



Tritanopia
92, 9.587, 303.448

Trichromacy



Original Color
92, 4.650, 114.232

Protanomaly
92, 4.842, 92.396

Deuteranomaly
92, 7.075, 32.381

Tritanomaly
92, 4.892, 307.256

Monochromacy



Original Color
92, 4.650, 114.232

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.538, 110.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.650, 114.232 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(232, 233, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 233, 224)  
}
```

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(232, 233, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 233, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.650, 114.232 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(232, 233, 224) }
```

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

```
.border{ border-color:rgb(232, 233, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 233, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 233, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 233, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 233,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.650, 114.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 233, 224) }
```

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

```
.background{ background-color: rgb(232,  
233, 224) }
```

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