

Converting Colors

CIE LCh(92, 9.011, 114.479)

Have a look what the booklet for
CIELCh(92, 9.011, 114.479) contains.

CIELCh(92, 9.298, 113.929)	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, 9.298, 113.929)

Conversions

Conversions Part 1

Format	Color
Hex	E8EAD8
RGB	232, 234, 216
RGB Percent	91%, 92%, 85%
CMY	0.0915, 0.0836, 0.1542
CMYK	0.01, 0.00, 0.08, 0.08
HSL	67°, 30%, 88%
HSV	67°, 8%, 92%
XYZ	74.8579, 80.7044, 76.3821
YIQ	231.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

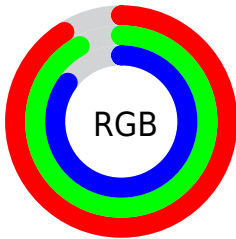
Format	Color
R _Y B	216, 234, 218
Decimal	15264472
CIE Lab	92.00, -3.77, 8.50
CIE LCh	92, 9.298, 113.929
Yxy	80.7044, 0.3227, 0.3479
Android (android.graphics.Color)	4293454552 (0xFFE8EAD8)
YUV	231.3500, -7.5675, 0.5701
Hunter-Lab	89.8356, -8.4726, 12.4741

Details

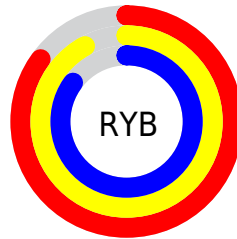
The CIELCh color **92, 9.298, 113.929** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87, 9.473, 295.197**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 9.246, 114.058** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.329, 113.132**, and if you desaturate by 10%, it is **93, 2.792, 294.740**.

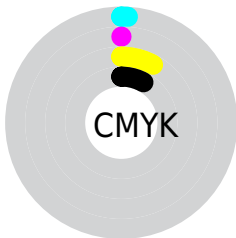
Distribution



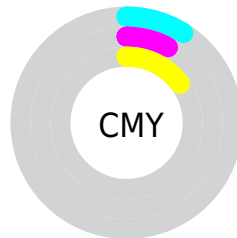
- Red (91%)
- Green (92%)
- Blue (85%)



- Red (85%)
- Yellow (92%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.298, 113.929 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, 9.298, 113.929 by changing the saturation by 10% instead.

 92, 9.298, 113.929

 92, 9.298, 113.929

 100, 9.298,
113.929

 82, 9.298, 113.929

 72, 9.298, 113.929

 62, 9.298, 113.929

 52, 9.298, 113.929

 42, 9.298, 113.929

 32, 9.298, 113.929

 22, 9.298, 113.929

 12, 9.298, 113.929

 2, 9.298, 113.929

92, 9.298, 113.929

92, 9.298, 113.929

91, 21.329,
113.132

93, 2.792, 294.740

91, 33.214,
112.324

93, 11.079,
296.719

90, 44.829,
111.534

94, 11.213,
301.271

90, 55.982,
110.792

94, 11.415,
305.711

89, 66.382,
110.140

94, 11.683,
309.994

89, 75.607,
109.632

94, 12.012,
314.084

89, 83.111,
109.339

94, 12.399,
317.957

88, 88.341,
109.330

95, 12.839,
321.598

■ 88, 91.080,
109.642

■ 95, 13.309,
324.881

Harmonies

Complementary

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



92, 9.298, 113.929



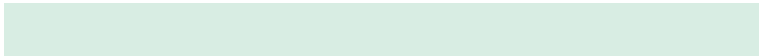
87, 9.473, 295.197

Rectangle

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



92, 9.298, 113.929



92, 9.298, 163.929



92, 9.298, 293.929



92, 9.298, 343.929

Sweetspot

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



92, 9.300, 113.938



100, 2.586, 114.383



88, 5.993, 28.699



53, 1.470, 114.391



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, 9.300, 113.938



99, 11.663, 113.831



91, 10.111, 132.176



49, 6.880, 113.797



70, 75.591, 109.627



21, 30.801, 109.602

Inverse Universe

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



87, 9.473, 295.197



93, 11.911, 295.317



88, 10.207, 312.789



45, 7.032, 295.355



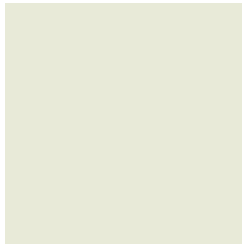
22, 102.826, 306.676



3, 35.987, 300.377

Previews

White Background



This preview shows how the CIELCh color 92, 9.298, 113.929 looks on a white background.

Color Contrast Check

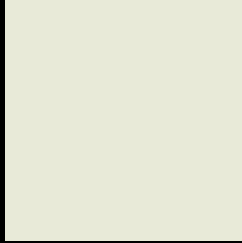
Large Text (above 18pt) WCAG AA × Fail

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, 9.298, 113.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

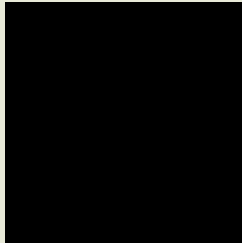
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

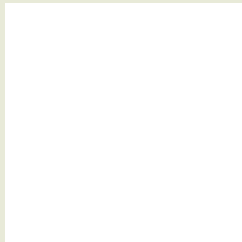
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.298, 113.929

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.298, 113.929.

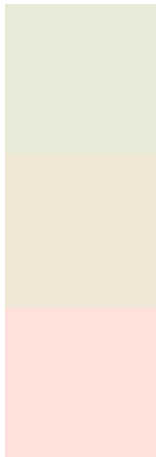


This preview shows how white text looks on a background with the CIELCh color 92, 9.298, 113.929.

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, 9.298, 113.929

Protanopia

92, 9.351, 88.693

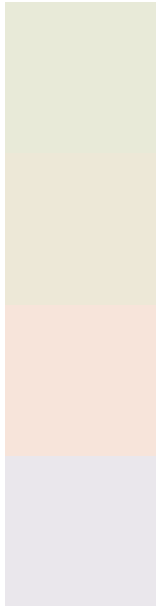
Deuteranopia

92, 11.362, 33.158



Tritanopia
92, 9.672, 305.460

Trichromacy



Original Color
92, 9.298, 113.929

Protanomaly
92, 8.934, 97.614

Deuteranomaly
92, 8.679, 56.080

Tritanomaly
92, 2.816, 312.511

Monochromacy



Original Color
92, 9.298, 113.929

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.626, 115.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.298, 113.929 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, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(232, 234, 216)  
}
```

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, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.298, 113.929 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, 234, 216) }
```

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

```
.border{ border-color:rgb(232, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 234, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 234, 216); box-shadow:4px 4px 4px 4px rgb(232, 234, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.298, 113.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 234, 216) }
```

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

```
.background{ background-color: rgb(232,  
234, 216) }
```

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