

Converting Colors

CIELCh(91, 2.101, 69.785)

Have a look what the booklet for
CIELCh(91, 2.101, 69.785) contains.

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Color

CIELCh(91, 2.314, 82.209)

Conversions

Conversions Part 1

Format	Color
Hex	E8E5E1
RGB	232, 229, 225
RGB Percent	91%, 90%, 88%
CMY	0.0909, 0.1027, 0.1184
CMYK	0.00, 0.01, 0.03, 0.09
HSL	34°, 13%, 90%
HSV	34°, 3%, 91%
XYZ	74.7484, 78.4833, 82.3085
YIQ	229.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

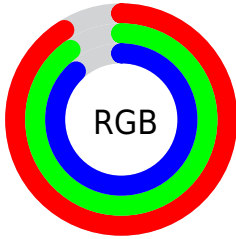
Format	Color
R _Y B	230, 232, 225
Decimal	15263201
CIE Lab	91.00, 0.31, 2.29
CIE LCh	91, 2.314, 82.209
Yxy	78.4833, 0.3173, 0.3332
Android (android.graphics.Color)	4293453281 (0xFFE8E5E1)
YUV	229.4410, -2.1894, 2.2442
Hunter-Lab	88.5908, -4.4248, 6.9281

Details

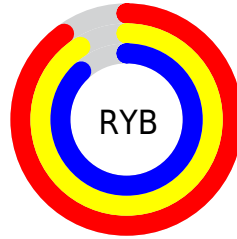
The CIELCh color **91, 2.314, 82.209** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 2.323, 263.327**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 2.291, 90.618** is the 20% darker color. If you saturate the color by 10%, you get **88, 10.187, 81.099**, and if you desaturate by 10%, it is **94, 5.297, 263.722**.

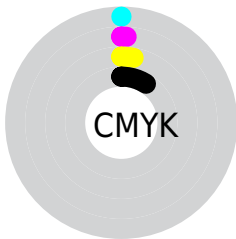
Distribution



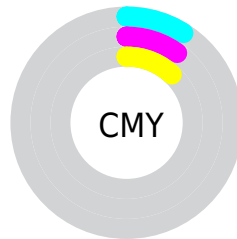
- Red (91%)
- Green (90%)
- Blue (88%)



- Red (90%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.314, 82.209 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 91, 2.314, 82.209 by changing the saturation by 10% instead.

■ 91, 2.314, 82.209

■ 91, 2.314, 82.209

■ 100, 2.314, 82.209

■ 81, 2.314, 82.209

■ 71, 2.314, 82.209

■ 61, 2.314, 82.209

■ 51, 2.314, 82.209

■ 41, 2.314, 82.209

■ 31, 2.314, 82.209

■ 21, 2.314, 82.209

■ 11, 2.314, 82.209

■ 1, 2.314, 82.209

91, 2.314, 82.209

91, 2.314, 82.209

88, 10.187, 81.099

94, 5.297, 263.722

85, 18.336, 79.794

97, 6.545, 228.958

82, 26.765, 78.448

98, 7.919, 198.988

79, 35.454, 77.067

76, 44.329, 75.646

74, 53.219, 74.160

71, 61.772, 72.546

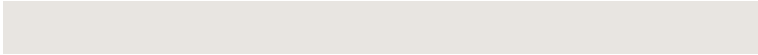
69, 69.340, 70.667

66, 74.946, 68.274

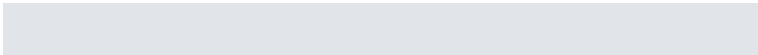
Harmonies

Complementary

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



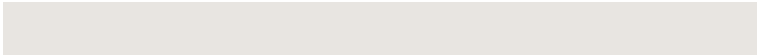
91, 2.314, 82.209



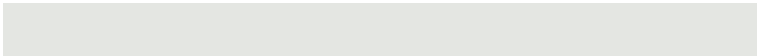
90, 2.323, 263.327

Rectangle

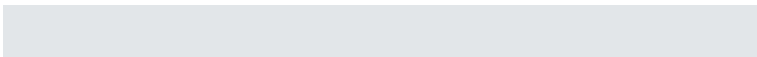
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 2.314, 82.209



91, 2.314, 132.209



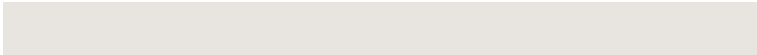
91, 2.314, 262.209



91, 2.314, 312.209

Sweetspot

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



91, 2.315, 82.266



100, 0.819, 82.213



90, 2.977, 347.507



53, 0.466, 82.195



0, 0.000, 0.000



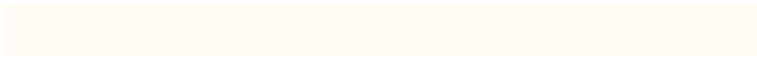
53, 0.007, 296.813

Same Dimension

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



91, 2.315, 82.266



99, 3.323, 82.177



92, 3.609, 112.531



47, 2.170, 82.104



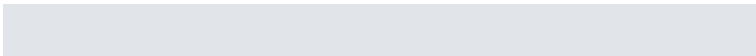
51, 63.690, 66.929



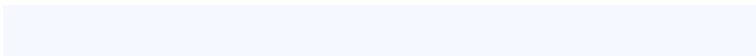
13, 21.153, 68.546

Inverse Universe

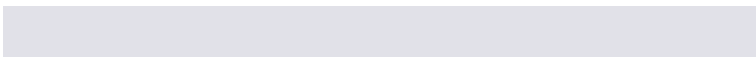
The Inverse Universe completely reimagines the original color for something new.



90, 2.323, 263.327



98, 3.323, 263.422



90, 3.653, 293.076



47, 2.165, 263.500



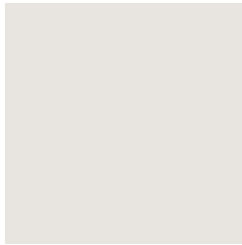
35, 63.372, 290.249



7, 22.337, 282.094

Previews

White Background



This preview shows how the CIE LCh color 91, 2.314, 82.209 looks on a white background.

Color Contrast Check

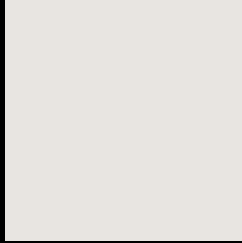
Large Text (above 18pt) WCAG AA × Fail

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 91, 2.314, 82.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

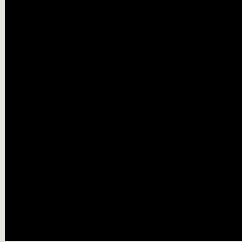
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

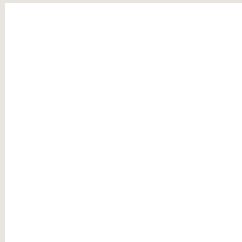
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.314, 82.209

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.314, 82.209.

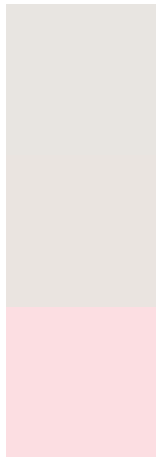


This preview shows how white text looks on a background with the CIELCh color 91, 2.314, 82.209.

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

91, 2.314, 82.209

Protanopia

91, 2.974, 63.293

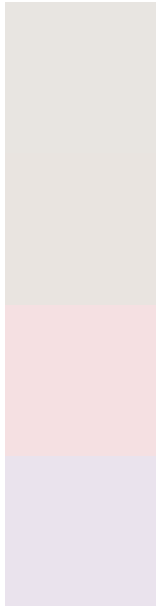
Deuteranopia

91, 11.125, 9.489



Tritanopia
91, 9.900, 309.384

Trichromacy



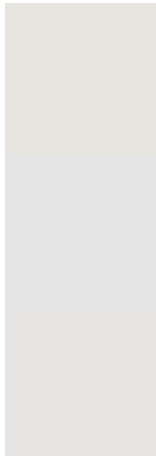
Original Color
91, 2.314, 82.209

Protanomaly
91, 2.724, 68.569

Deuteranomaly
91, 7.689, 12.167

Tritanomaly
91, 5.779, 315.874

Monochromacy



Original Color
91, 2.314, 82.209

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.081, 90.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.314, 82.209 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, 229, 225)` looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 225)  
}
```

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, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.314, 82.209 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, 229, 225) }
```

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

```
.border{ border-color:rgb(232, 229, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.314, 82.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 225) }
```

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

```
.background{ background-color: rgb(232,  
229, 225) }
```

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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