

Converting Colors

CIELCh(91, 3.770, 328.249)

Have a look what the booklet for
CIELCh(91, 3.770, 328.249) contains.

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Color

CIELCh(91, 4.013, 328.707)

Conversions

Conversions Part 1

Format	Color
Hex	EAE3E9
RGB	234, 227, 233
RGB Percent	92%, 89%, 91%
CMY	0.0815, 0.1089, 0.0854
CMYK	0.00, 0.03, 0.00, 0.08
HSL	309°, 14%, 90%
HSV	309°, 3%, 92%
XYZ	76.2724, 78.4833, 88.3844
YIQ	229.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

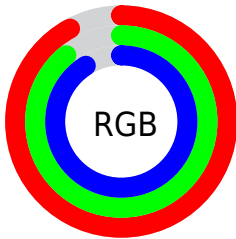
Format	Color
R_{YB}	234, 227, 233
Decimal	15393769
CIE Lab	91.00, 3.43, -2.08
CIE LCh	91, 4.013, 328.707
Yxy	78.4833, 0.3137, 0.3228
Android (android.graphics.Color)	4293583849 (0xFFEAE3E9)
YUV	229.7770, 1.5889, 3.7036
Hunter-Lab	88.5908, -1.3541, 2.8617

Details

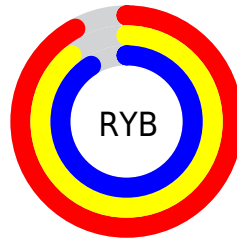
The CIELCh color `91, 4.013, 328.707` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 3.991, 148.517`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 3.560, 329.514` is the 20% darker color. If you saturate the color by 10%, you get `85, 17.533, 329.374`, and if you desaturate by 10%, it is `97, 9.285, 148.246`.

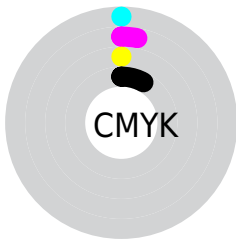
Distribution



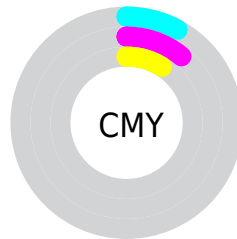
- Red (92%)
- Green (89%)
- Blue (91%)



- Red (92%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.013, 328.707 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, 4.013, 328.707 by changing the saturation by 10% instead.

91, 4.013, 328.707

91, 4.013, 328.707

100, 4.013,
328.707

81, 4.013, 328.707

71, 4.013, 328.707

61, 4.013, 328.707

51, 4.013, 328.707

41, 4.013, 328.707

31, 4.013, 328.707

21, 4.013, 328.707

11, 4.013, 328.707

1, 4.013, 328.707

91, 4.013, 328.707

91, 4.013, 328.707

85, 17.533,
329.374

97, 9.285, 148.246

80, 31.127,
329.998

98, 10.659,
152.736

74, 44.546,
330.628

98, 9.464, 159.721

69, 57.440,
331.260

98, 8.441, 168.523

65, 69.337,
331.892

98, 7.200, 192.152

61, 79.672,
332.521

99, 7.112, 199.048

58, 87.855,
333.154

56, 93.408,
333.801

■ 54, 96.149,
334.486

Harmonies

Complementary

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



91, 4.013, 328.707



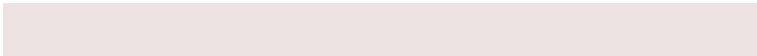
92, 3.991, 148.517

Rectangle

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



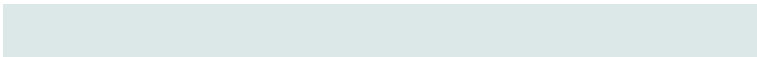
91, 4.013, 328.707



91, 4.013, 18.707



91, 4.013, 148.707



91, 4.013, 198.707

Sweetspot

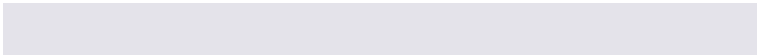
The Sweet Spot groups the original color and five complimentary colors.



91, 4.010, 328.709



99, 1.442, 328.430



91, 3.659, 295.644



53, 0.820, 328.415



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, 4.010, 328.709



97, 5.755, 328.792



91, 2.850, 351.600



48, 3.821, 328.843



42, 79.921, 334.868



9, 34.782, 333.765

Inverse Universe

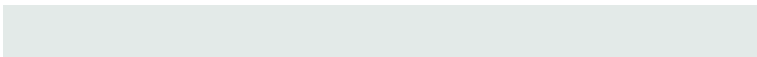
The Inverse Universe completely reimagines the original color for something new.



91, 4.010, 328.709



97, 5.755, 328.792



92, 2.819, 171.424



48, 3.821, 328.843



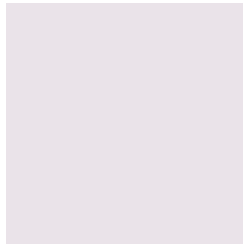
42, 79.921, 334.868



9, 34.782, 333.765

Previews

White Background



This preview shows how the CIELCh color 91, 4.013, 328.707 looks on a white background.

Color Contrast Check

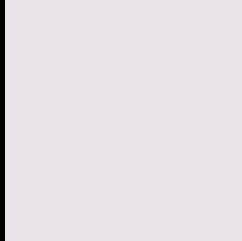
Large Text (above 18pt) WCAG AA × Fail

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 91, 4.013, 328.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

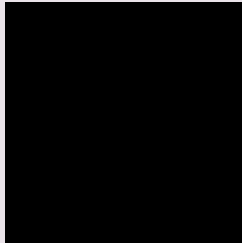
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

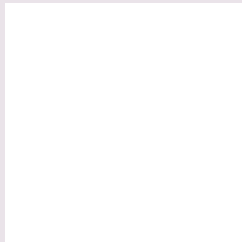
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.013, 328.707

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.013, 328.707.

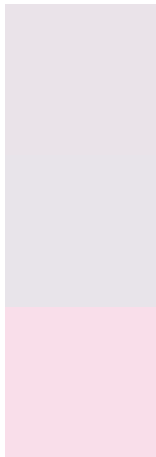


This preview shows how white text looks on a background with the CIELCh color 91, 4.013, 328.707.

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

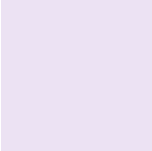
91, 4.013, 328.707

Protanopia

91, 3.442, 314.719

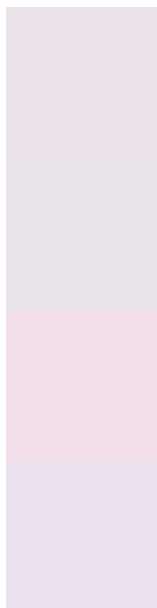
Deuteranopia

91, 11.536, 347.683



Tritanopia
91, 9.536, 312.366

Trichromacy



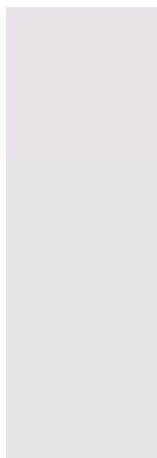
Original Color
91, 4.013, 328.707

Protanomaly
91, 3.606, 319.847

Deuteranomaly
91, 8.864, 344.284

Tritanomaly
91, 7.494, 315.689

Monochromacy



Original Color
91, 4.013, 328.707

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.505, 335.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.013, 328.707 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(234, 227, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 233)  
}
```

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(234, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.013, 328.707 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(234, 227, 233) }
```

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

```
.border{ border-color:rgb(234, 227, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 227, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.013, 328.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 233) }
```

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

```
.background{ background-color: rgb(234,  
227, 233) }
```

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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