

Converting Colors

CIELCh(91, 8.231, 330.874)

Have a look what the booklet for
CIELCh(91, 8.231, 330.874) contains.

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Color

CIELCh(91, 8.231, 330.874)

Conversions

Conversions Part 1

Format	Color
Hex	F0E1ED
RGB	240, 225, 237
RGB Percent	94%, 88%, 93%
CMY	0.0589, 0.1177, 0.0706
CMYK	0.00, 0.06, 0.01, 0.06
HSL	312°, 33%, 91%
HSV	312°, 6%, 94%
XYZ	78.1396, 78.4833, 91.1441
YIQ	230.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

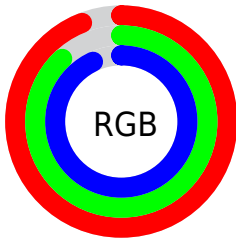
Format	Color
R _Y B	240, 225, 237
Decimal	15786477
CIE Lab	91.00, 7.19, -4.01
CIE LCh	91, 8.231, 330.874
Yxy	78.4833, 0.3154, 0.3168
Android (android.graphics.Color)	4293976557 (0xFFFF0E1ED)
YUV	230.8530, 3.0305, 8.0219
Hunter-Lab	88.5908, 2.4081, 1.0148

Details

The CIELCh color $91, 8.231, 330.874$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $93, 8.201, 150.173$, 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 $71, 8.000, 331.468$ is the 20% darker color. If you saturate the color by 10%, you get $85, 21.527, 331.543$, and if you desaturate by 10%, it is $97, 4.877, 150.377$.

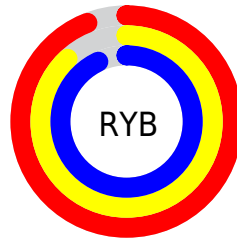
Distribution



Red (94%)

Green (88%)

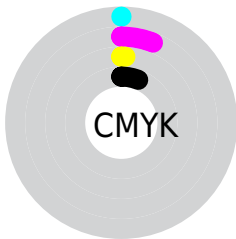
Blue (93%)



Red (94%)

Yellow (88%)

Blue (93%)

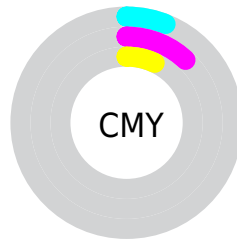


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.231, 330.874 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, 8.231, 330.874 by changing the saturation by 10% instead.

91, 8.231, 330.874

91, 8.231, 330.874

100, 8.231,
330.874

81, 8.231, 330.874

71, 8.231, 330.874

61, 8.231, 330.874

51, 8.231, 330.874

41, 8.231, 330.874

31, 8.231, 330.874

21, 8.231, 330.874

11, 8.231, 330.874

1, 8.231, 330.874

91, 8.231, 330.874

91, 8.231, 330.874

85, 21.527,
331.543

97, 4.877, 150.377

79, 34.839,
332.214

99, 6.805, 160.154

74, 47.894,
332.904

99, 5.537, 179.807

69, 60.303,
333.617

65, 71.555,
334.356

61, 81.053,
335.132

58, 88.205,
335.966

56, 92.587,
336.888

■ 55, 94.144,
337.939

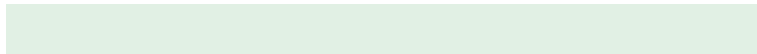
Harmonies

Complementary

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



91, 8.231, 330.874



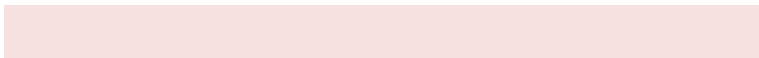
93, 8.201, 150.173

Rectangle

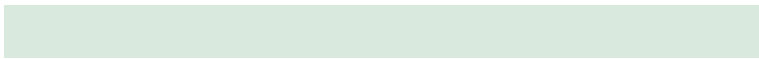
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 8.231, 330.874



91, 8.231, 20.874



91, 8.231, 150.874



91, 8.231, 200.874

Sweetspot

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



91, 8.228, 330.876



99, 2.763, 330.521



90, 7.886, 298.430



53, 1.571, 330.508



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

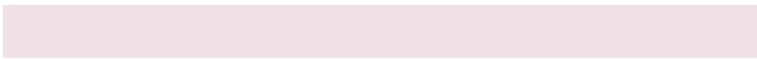
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 8.228, 330.876



96, 9.688, 330.929



91, 5.888, 356.454



48, 5.986, 330.967



42, 77.325, 338.154



9, 34.467, 336.510

Inverse Universe

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



91, 8.228, 330.876



96, 9.688, 330.929



94, 5.777, 175.480



48, 5.986, 330.967



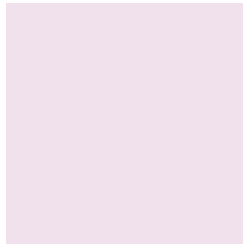
42, 77.325, 338.154



9, 34.467, 336.510

Previews

White Background



This preview shows how the CIELCh color 91, 8.231, 330.874 looks on a white background.

Color Contrast Check

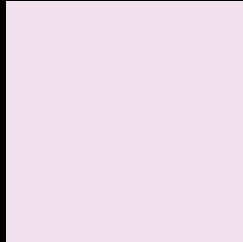
Large Text (above 18pt) WCAG AA × Fail

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, 8.231, 330.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

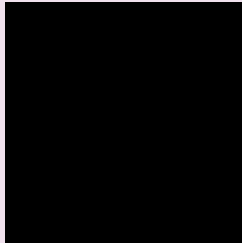
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

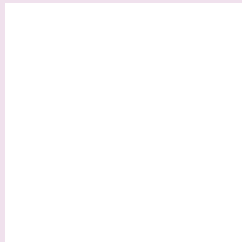
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.231, 330.874

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.231, 330.874.

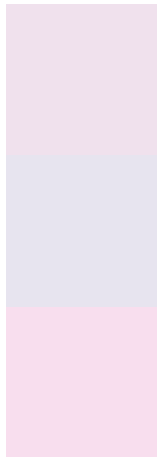


This preview shows how white text looks on a background with the CIELCh color 91, 8.231, 330.874.

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, 8.231, 330.874

Protanopia

91, 5.822, 301.044

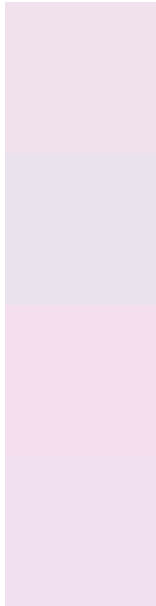
Deuteranopia

91, 12.471, 338.677



Tritanopia
91, 11.148, 323.305

Trichromacy



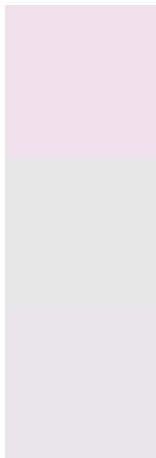
Original Color
91, 8.231, 330.874

Protanomaly
91, 6.251, 313.846

Deuteranomaly
91, 11.074, 335.622

Tritanomaly
91, 10.297, 326.428

Monochromacy



Original Color
91, 8.231, 330.874

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 2.753, 330.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.231, 330.874 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(240, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 237)  
}
```

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(240, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.231, 330.874 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(240, 225, 237) }
```

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

```
.border{ border-color:rgb(240, 225, 237) }
```

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

Here you see how a box with a 4 pixel rgb(240, 225, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.231, 330.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 225, 237) }
```

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

```
.background{ background-color: rgb(240,  
225, 237) }
```

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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