

Converting Colors

CIELCh(91, 8.894, 323.888)

Have a look what the booklet for
CIELCh(91, 8.894, 323.888) contains.

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Color

CIELCh(91, 8.835, 324.731)

Conversions

Conversions Part 1

Format	Color
Hex	EFE1EF
RGB	239, 225, 239
RGB Percent	94%, 88%, 94%
CMY	0.0625, 0.1174, 0.0625
CMYK	0.00, 0.06, 0.00, 0.06
HSL	300°, 31%, 91%
HSV	300°, 6%, 94%
XYZ	78.1511, 78.4833, 92.7421
YIQ	230.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

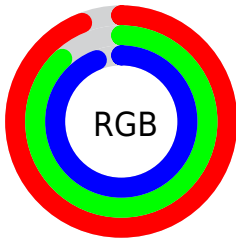
Format	Color
R_{YB}	239, 225, 239
Decimal	15720943
CIE Lab	91.00, 7.21, -5.10
CIE LCh	91, 8.835, 324.731
Yxy	78.4833, 0.3134, 0.3147
Android (android.graphics.Color)	4293911023 (0xFFEFE1EF)
YUV	230.7820, 4.0515, 7.2072
Hunter-Lab	88.5908, 2.4314, -0.0547

Details

The CIELCh color `91, 8.835, 324.731` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 8.812, 144.139`, 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, 8.630, 324.799` is the 20% darker color. If you saturate the color by 10%, you get `85, 24.039, 325.304`, and if you desaturate by 10%, it is `97, 6.179, 144.265`.

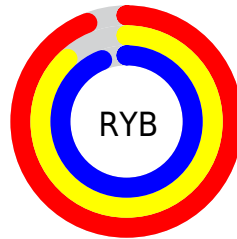
Distribution



Red (94%)

Green (88%)

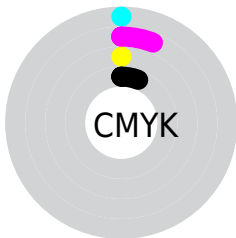
Blue (94%)



Red (94%)

Yellow (88%)

Blue (94%)

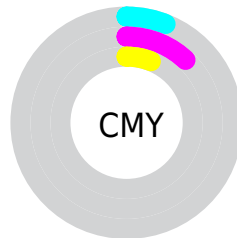


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.835, 324.731 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, 8.835, 324.731 by changing the saturation by 10% instead.

91, 8.835, 324.731

91, 8.835, 324.731

100, 8.835,
324.731

81, 8.835, 324.731

71, 8.835, 324.731

61, 8.835, 324.731

51, 8.835, 324.731

41, 8.835, 324.731

31, 8.835, 324.731

21, 8.835, 324.731

11, 8.835, 324.731

1, 8.835, 324.731

91, 8.835, 324.731

91, 8.835, 324.731

85, 24.039,
325.304

97, 6.179, 144.265

80, 39.230,
325.853

98, 9.913, 144.112

75, 54.099,
326.380

98, 9.913, 144.112

70, 68.223,
326.868

98, 9.913, 144.112

66, 81.071,
327.300

98, 9.912, 144.113

62, 92.050,
327.661

98, 9.912, 144.113

60, 100.606,
327.936

98, 9.912, 144.113

58, 106.374,
328.118

■ 57,109.348,
328.211

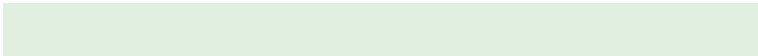
Harmonies

Complementary

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



91, 8.835, 324.731



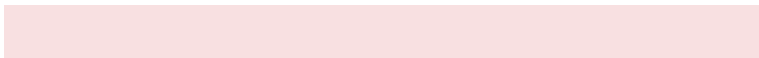
93, 8.812, 144.139

Rectangle

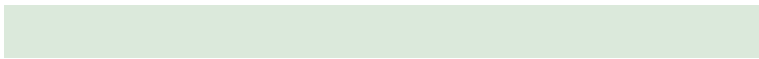
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 8.835, 324.731



91, 8.835, 14.731



91, 8.835, 144.731



91, 8.835, 194.731

Sweetspot

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



91, 8.832, 324.731



99, 3.176, 324.455



90, 7.283, 290.777



53, 1.806, 324.445



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, 8.832, 324.731



96, 11.134, 324.801



91, 6.210, 344.061



48, 6.879, 324.834



44, 90.297, 328.233



10, 39.418, 328.233

Inverse Universe

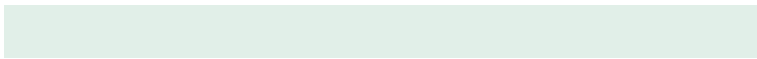
The Inverse Universe completely reimagines the original color for something new.



91, 8.832, 324.731



96, 11.134, 324.801



93, 6.153, 163.242



48, 6.879, 324.834



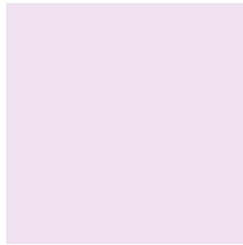
44, 90.297, 328.233



10, 39.418, 328.233

Previews

White Background



This preview shows how the CIELCh color 91, 8.835, 324.731 looks on a white background.

Color Contrast Check

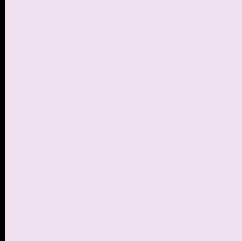
Large Text (above 18pt) WCAG AA × Fail

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, 8.835, 324.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

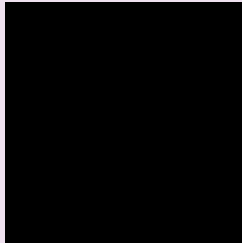
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

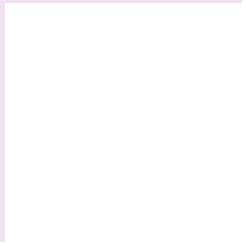
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.835, 324.731

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.835, 324.731.

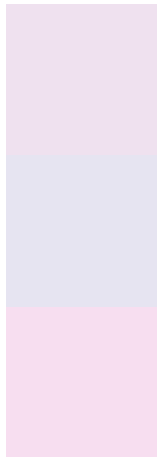


This preview shows how white text looks on a background with the CIELCh color 91, 8.835, 324.731.

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, 8.835, 324.731

Protanopia

91, 6.794, 296.618

Deuteranopia

91, 12.923, 334.145



Tritanopia
91, 10.329, 321.525

Trichromacy



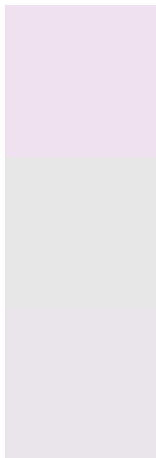
Original Color
91, 8.835, 324.731

Protanomaly
91, 7.098, 307.946

Deuteranomaly
91, 11.585, 330.701

Tritanomaly
91, 9.891, 323.067

Monochromacy



Original Color
91, 8.835, 324.731

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 3.164, 324.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.835, 324.731 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(239, 225, 239)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 239)  
}
```

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(239, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.835, 324.731 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(239, 225, 239) }
```

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

```
.border{ border-color:rgb(239, 225, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.835, 324.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 239) }
```

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

```
.background{ background-color: rgb(239,  
225, 239) }
```

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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