

Converting Colors

CIELCh(91, 7.548, 329.866)

Have a look what the booklet for
CIELCh(91, 7.548, 329.866) contains.

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Color

CIELCh(91, 8.005, 328.918)

Conversions

Conversions Part 1

Format	Color
Hex	EFE1ED
RGB	239, 225, 237
RGB Percent	94%, 88%, 93%
CMY	0.0619, 0.1168, 0.0697
CMYK	0.00, 0.06, 0.01, 0.06
HSL	309°, 31%, 91%
HSV	309°, 6%, 94%
XYZ	77.9723, 78.4833, 91.3276
YIQ	230.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

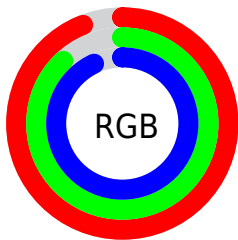
Format	Color
R_{YB}	239, 225, 237
Decimal	15720941
CIE Lab	91.00, 6.86, -4.13
CIE LCh	91, 8.005, 328.918
Yxy	78.4833, 0.3147, 0.3167
Android (android.graphics.Color)	4293911021 (0xFFEFE1ED)
YUV	230.5540, 3.1779, 7.4071
Hunter-Lab	88.5908, 2.0710, 0.8920

Details

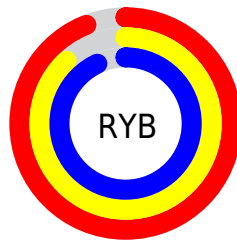
The CIELCh color `91, 8.005, 328.918` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 7.979, 148.296`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 7.759, 329.352` is the 20% darker color. If you saturate the color by 10%, you get `85, 21.800, 329.552`, and if you desaturate by 10%, it is `97, 5.601, 148.433`.

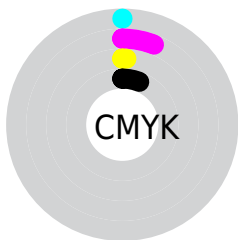
Distribution



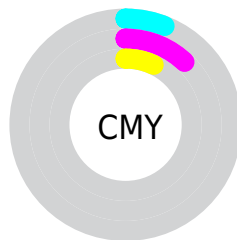
- Red (94%)
- Green (88%)
- Blue (93%)



- 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, 8.005, 328.918 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, 8.005, 328.918 by changing the saturation by 10% instead.

91, 8.005, 328.918

91, 8.005, 328.918

100, 8.005,
328.918

81, 8.005, 328.918

71, 8.005, 328.918

61, 8.005, 328.918

51, 8.005, 328.918

41, 8.005, 328.918

31, 8.005, 328.918

21, 8.005, 328.918

11, 8.005, 328.918

1, 8.005, 328.918

91, 8.005, 328.918

91, 8.005, 328.918

85, 21.800,
329.552

97, 5.601, 148.433

79, 35.607,
330.179

99, 7.893, 154.169

74, 49.146,
330.810

99, 6.741, 164.466

69, 62.022,
331.443

99, 5.450, 195.493

65, 73.723,
332.075

99, 5.427, 199.184

61, 83.654,
332.705

58, 91.230,
333.341

56, 96.034,
333.998

■ 55, 98.003,
334.699

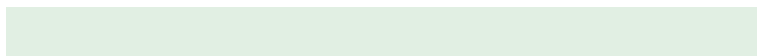
Harmonies

Complementary

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



91, 8.005, 328.918



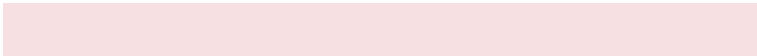
93, 7.979, 148.296

Rectangle

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



91, 8.005, 328.918



91, 8.005, 18.918



91, 8.005, 148.918



91, 8.005, 198.918

Sweetspot

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



91, 8.002, 328.919



99, 2.877, 328.610



90, 7.322, 295.874



53, 1.636, 328.598



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, 8.002, 328.919



96, 10.089, 328.996



91, 5.703, 351.954



48, 6.233, 329.033



42, 80.749, 334.873



9, 35.796, 333.823

Inverse Universe

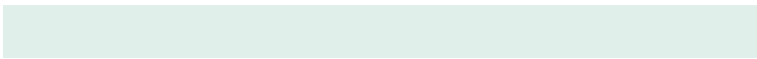
The Inverse Universe completely reimagines the original color for something new.



91, 8.002, 328.919



96, 10.089, 328.996



93, 5.620, 171.074



48, 6.233, 329.033



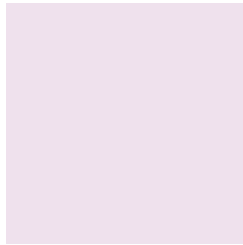
42, 80.749, 334.873



9, 35.796, 333.823

Previews

White Background



This preview shows how the CIELCh color 91, 8.005, 328.918 looks on a white background.

Color Contrast Check

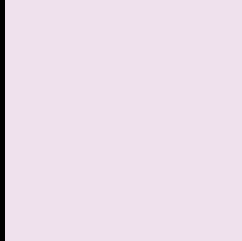
Large Text (above 18pt) WCAG AA × Fail

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, 8.005, 328.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

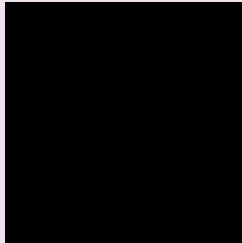
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

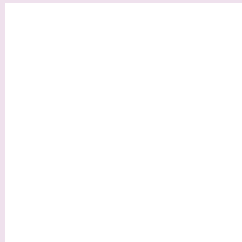
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.005, 328.918

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.005, 328.918.

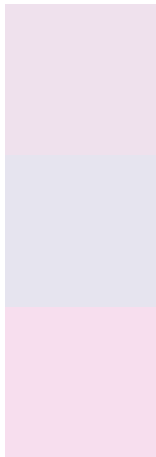


This preview shows how white text looks on a background with the CIELCh color 91, 8.005, 328.918.

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, 8.005, 328.918

Protanopia

91, 5.764, 297.620

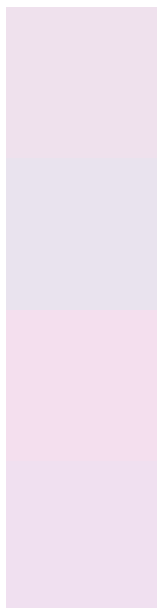
Deuteranopia

91, 12.208, 337.526



Tritanopia
91, 10.962, 321.734

Trichromacy



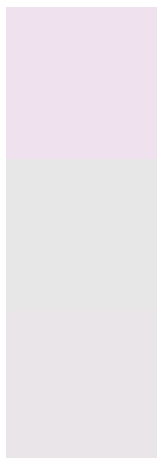
Original Color
91, 8.005, 328.918

Protanomaly
91, 6.117, 310.812

Deuteranomaly
91, 10.824, 334.262

Tritanomaly
91, 10.094, 324.780

Monochromacy



Original Color
91, 8.005, 328.918

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, 8.005, 328.918 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.005, 328.918 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, 237) }
```

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

```
.border{ border-color:rgb(239, 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(239, 225, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.005, 328.918 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, 237) }
```

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

```
.background{ background-color: rgb(239,  
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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