

Converting Colors

CIELCh(91, 9.640, 320.927)

Have a look what the booklet for
CIELCh(91, 9.640, 320.927) contains.

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Color

CIELCh(91, 9.705, 321.293)

Conversions

Conversions Part 1

Format	Color
Hex	EFE1F1
RGB	239, 225, 241
RGB Percent	94%, 88%, 95%
CMY	0.0631, 0.1180, 0.0552
CMYK	0.01, 0.07, 0.00, 0.06
HSL	292°, 36%, 91%
HSV	292°, 7%, 94%
XYZ	78.3315, 78.4833, 94.1691
YIQ	231.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

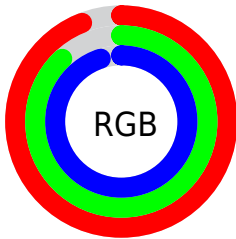
Format	Color
R_{YB}	239, 225, 241
Decimal	15720945
CIE _{Lab}	91.00, 7.57, -6.07
CIE _{LCh}	91, 9.705, 321.293
Yxy	78.4833, 0.3121, 0.3127
Android (android.graphics.Color)	4293911025 (0xFFEFE1F1)
YUV	231.0100, 4.9251, 7.0072
Hunter-Lab	88.5908, 2.7947, -1.0097

Details

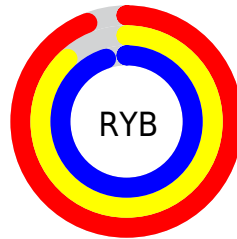
The CIELCh color **91, 9.705, 321.293** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.666, 140.703**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 9.547, 321.119** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.485, 321.787**, and if you desaturate by 10%, it is **97, 4.846, 140.903**.

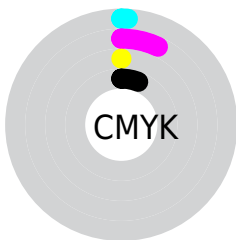
Distribution



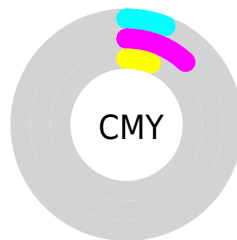
- Red (94%)
- Green (88%)
- Blue (95%)



- Red (94%)
- Yellow (88%)
- Blue (95%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.705, 321.293 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, 9.705, 321.293 by changing the saturation by 10% instead.

91, 9.705, 321.293

91, 9.705, 321.293

100, 9.705,
321.293

81, 9.705, 321.293

71, 9.705, 321.293

61, 9.705, 321.293

51, 9.705, 321.293

41, 9.705, 321.293

31, 9.705, 321.293

21, 9.705, 321.293

11, 9.705, 321.293

1, 9.705, 321.293

91, 9.705, 321.293

91, 9.705, 321.293

85, 24.485,
321.787

97, 4.846, 140.903

79, 39.336,
322.266

99, 8.020, 135.978

73, 53.999,
322.720

99, 7.591, 128.864

68, 68.101,
323.129

100, 7.145,
112.572

63, 81.139,
323.466

100, 7.131,
109.634

59, 92.501,
323.697

56, 101.547,
323.788

54, 107.773,
323.711

■ 52, 111.046,
323.451

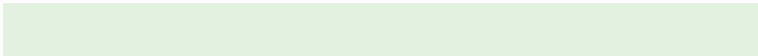
Harmonies

Complementary

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



91, 9.705, 321.293



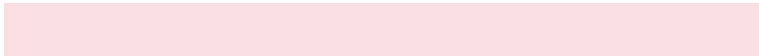
94, 9.666, 140.703

Rectangle

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



91, 9.705, 321.293



91, 9.705, 11.293



91, 9.705, 141.293



91, 9.705, 191.293

Sweetspot

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



91, 9.702, 321.292



99, 3.054, 321.010



90, 7.228, 284.893



53, 1.737, 321.001



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, 9.702, 321.292



95, 12.255, 321.363



91, 7.786, 337.544



47, 8.288, 321.436



40, 91.138, 323.420



8, 39.713, 324.069

Inverse Universe

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



91, 5.873, 9.593



95, 7.443, 9.738



94, 7.739, 156.676



47, 5.051, 9.887



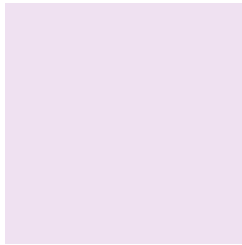
38, 76.271, 34.454



8, 29.250, 18.722

Previews

White Background



This preview shows how the CIELCh color 91, 9.705, 321.293 looks on a white background.

Color Contrast Check

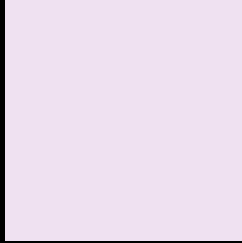
Large Text (above 18pt) WCAG AA × Fail

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, 9.705, 321.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

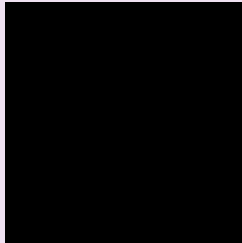
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

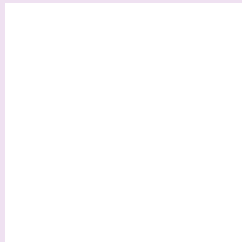
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.705, 321.293

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.705, 321.293.



This preview shows how white text looks on a background with the CIELCh color 91, 9.705, 321.293.

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, 9.705, 321.293

Protanopia

91, 7.798, 293.360

Deuteranopia

91, 13.063, 331.409



Tritanopia
91, 10.152, 319.803

Trichromacy



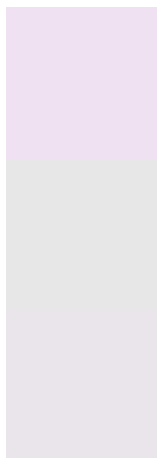
Original Color
91, 9.705, 321.293

Protanomaly
91, 8.093, 305.799

Deuteranomaly
91, 11.764, 327.722

Tritanomaly
91, 10.152, 319.803

Monochromacy



Original Color
91, 9.705, 321.293

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 3.603, 319.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.705, 321.293 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.705, 321.293 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, 241) }
```

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

```
.border{ border-color:rgb(239, 225, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.705, 321.293 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, 241) }
```

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

```
.background{ background-color: rgb(239,  
225, 241) }
```

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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