

Converting Colors

CIELCh(90, 7.499, 320.785)

Have a look what the booklet for
CIELCh(90, 7.499, 320.785) contains.

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Color

CIELCh(90, 7.398, 322.398)

Conversions

Conversions Part 1

Format	Color
Hex	EADFE8
RGB	234, 223, 235
RGB Percent	92%, 87%, 92%
CMY	0.0822, 0.1253, 0.0782
CMYK	0.00, 0.05, 0.00, 0.08
HSL	295°, 23%, 90%
HSV	295°, 5%, 92%
XYZ	75.3511, 76.3034, 89.3909
YIQ	227.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

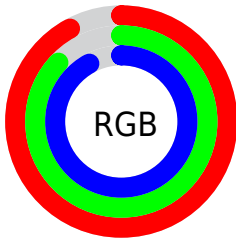
Format	Color
R_{YB}	234, 223, 235
Decimal	15392747
CIE Lab	90.00, 5.86, -4.51
CIE LCh	90, 7.398, 322.398
Yxy	76.3034, 0.3126, 0.3166
Android (android.graphics.Color)	4293582827 (0xFFEADFE _B)
YUV	227.6570, 3.6201, 5.5628
Hunter-Lab	87.3518, 1.1114, 0.4722

Details

The CIELCh color `90, 7.398, 322.398` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 7.370, 141.955`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 7.124, 322.236` is the 20% darker color. If you saturate the color by 10%, you get `84, 22.028, 322.920`, and if you desaturate by 10%, it is `96, 7.004, 141.981`.

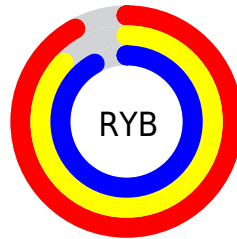
Distribution



Red (92%)

Green (87%)

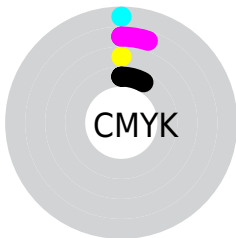
Blue (92%)



Red (92%)

Yellow (87%)

Blue (92%)

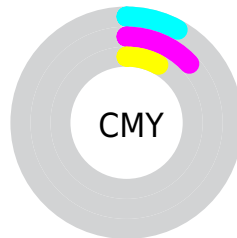


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.398, 322.398 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 90, 7.398, 322.398 by changing the saturation by 10% instead.

90, 7.398, 322.398

90, 7.398, 322.398

100, 7.398,
322.398

80, 7.398, 322.398

70, 7.398, 322.398

60, 7.398, 322.398

50, 7.398, 322.398

40, 7.398, 322.398

30, 7.398, 322.398

20, 7.398, 322.398

10, 7.398, 322.398

0, 7.398, 322.398

90, 7.398, 322.398

90, 7.398, 322.398

84, 22.028,
322.920

96, 7.004, 141.981

78, 36.728,
323.420

98, 11.859,
140.033

73, 51.239,
323.898

98, 11.511,
137.137

68, 65.196,
324.335

99, 11.193,
134.054

63, 78.113,
324.707

99, 10.910,
130.787

60, 89.401,
324.988

99, 10.665,
127.344

56, 98.455,
325.151

99, 10.460,
123.739

54, 104.795,
325.172

99, 10.298,
119.991

■ 53, 108.268,
325.042

■ 99, 10.183,
116.127

Harmonies

Complementary

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



90, 7.398, 322.398



92, 7.370, 141.955

Rectangle

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



90, 7.398, 322.398



90, 7.398, 12.398



90, 7.398, 142.398



90, 7.398, 192.398

Sweetspot

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



90, 7.395, 322.397



99, 3.094, 322.188



89, 5.633, 286.374



53, 1.759, 322.178



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 7.395, 322.397



96, 9.294, 322.449



90, 5.721, 338.941



47, 5.759, 322.481



40, 89.828, 324.993



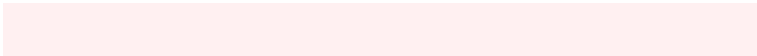
8, 38.427, 325.458

Inverse Universe

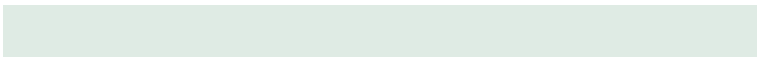
The Inverse Universe completely reimagines the original color for something new.



90, 4.367, 12.769



96, 5.502, 12.867



92, 5.684, 158.321



47, 3.415, 12.928



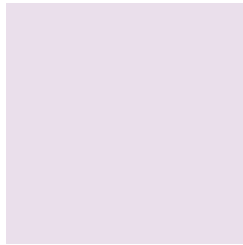
38, 77.369, 36.594



7, 28.207, 19.314

Previews

White Background



This preview shows how the CIELCh color 90, 7.398, 322.398 looks on a white background.

Color Contrast Check

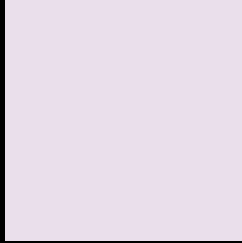
Large Text (above 18pt) WCAG AA × Fail

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 90, 7.398, 322.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

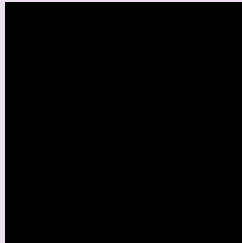
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

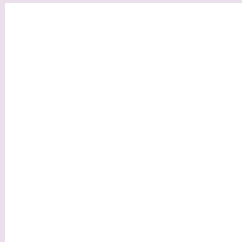
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.398, 322.398

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.398, 322.398.



This preview shows how white text looks on a background with the CIELCh color 90, 7.398, 322.398.

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](#).

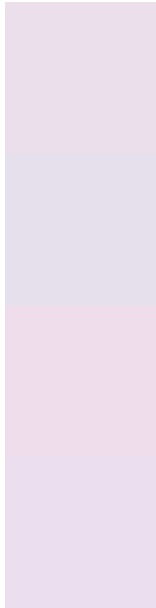
Dichromacy





Tritanopia
90, 10.472, 316.729

Trichromacy



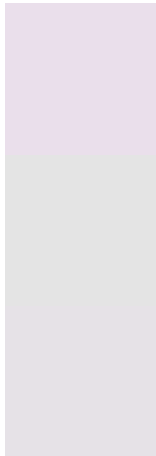
Original Color
90, 7.398, 322.398

Protanomaly
90, 6.622, 309.272

Deuteranomaly
90, 10.361, 331.363

Tritanomaly
90, 9.552, 319.459

Monochromacy



Original Color
90, 7.398, 322.398

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.984, 318.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.398, 322.398 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, 223, 235)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 235)  
}
```

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, 223, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.398, 322.398 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, 223, 235) }
```

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

```
.border{ border-color:rgb(234, 223, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.398, 322.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 235) }
```

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

```
.background{ background-color: rgb(234,  
223, 235) }
```

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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