

Converting Colors

CIELCh(90, 7.710, 320.623)

Have a look what the booklet for
CIELCh(90, 7.710, 320.623) contains.

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Color

CIELCh(90, 7.843, 320.395)

Conversions

Conversions Part 1

Format	Color
Hex	EADFECE
RGB	234, 223, 236
RGB Percent	92%, 87%, 93%
CMY	0.0825, 0.1256, 0.0746
CMYK	0.01, 0.06, 0.00, 0.07
HSL	291°, 25%, 90%
HSV	291°, 6%, 93%
XYZ	75.4398, 76.3034, 90.0884
YIQ	227.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

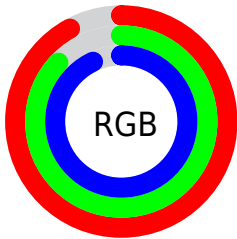
Format	Color
RYB	234, 223, 236
Decimal	15392748
CIELab	90.00, 6.04, -5.00
CIELCh	90, 7.843, 320.395
Yxy	76.3034, 0.3120, 0.3155
Android (android.graphics.Color)	4293582828 (0xFFEADFE0)
YUV	227.7710, 4.0569, 5.4628
Hunter-Lab	87.3518, 1.2926, -0.0012

Details

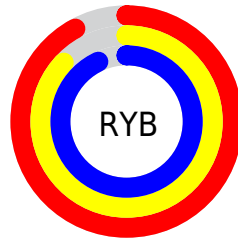
The CIELCh color `90, 7.843, 320.395` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 7.807, 139.944`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 7.594, 320.070` is the 20% darker color. If you saturate the color by 10%, you get `84, 22.244, 320.879`, and if you desaturate by 10%, it is `96, 6.308, 140.011`.

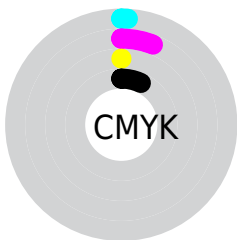
Distribution



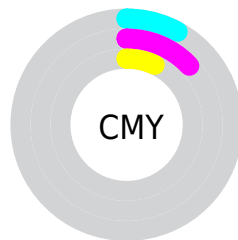
- Red (92%)
- Green (87%)
- Blue (93%)



- Red (92%)
- Yellow (87%)
- Blue (93%)



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



- Cyan (8%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.843, 320.395 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, 7.843, 320.395 by changing the saturation by 10% instead.

90, 7.843, 320.395

90, 7.843, 320.395

100, 7.843,
320.395

80, 7.843, 320.395

70, 7.843, 320.395

60, 7.843, 320.395

50, 7.843, 320.395

40, 7.843, 320.395

30, 7.843, 320.395

20, 7.843, 320.395

10, 7.843, 320.395

0, 7.843, 320.395

90, 7.843, 320.395

90, 7.843, 320.395

84, 22.244,
320.879

96, 6.308, 140.011

78, 36.760,
321.348

99, 10.873,
136.167

72, 51.160,
321.795

99, 10.336,
129.890

67, 65.109,
322.201

99, 9.938, 122.967

99, 9.698, 115.537

62, 78.138,
322.535

100, 9.631,
109.448

58, 89.660,
322.764

55, 99.027,
322.847

52, 105.683,
322.750

■ 50,109.390,
322.449

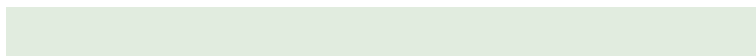
Harmonies

Complementary

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



90, 7.843, 320.395



92, 7.807, 139.944

Rectangle

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



90, 7.843, 320.395



90, 7.843, 10.395



90, 7.843, 140.395



90, 7.843, 190.395

Sweetspot

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



90, 7.840, 320.394



99, 3.028, 320.177



90, 5.676, 282.987



53, 1.722, 320.168



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, 7.840, 320.394



95, 10.624, 320.471



90, 6.499, 335.991



47, 6.450, 320.498



38, 90.498, 322.363



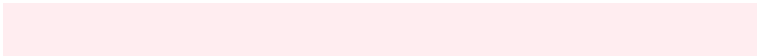
7, 38.596, 323.167

Inverse Universe

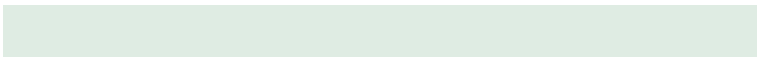
The Inverse Universe completely reimagines the original color for something new.



90, 4.811, 7.193



95, 6.541, 7.362



92, 6.465, 155.335



46, 3.975, 7.420



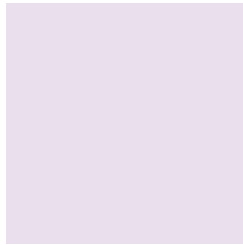
38, 74.032, 32.617



7, 28.004, 16.386

Previews

White Background



This preview shows how the CIELCh color 90, 7.843, 320.395 looks on a white background.

Color Contrast Check

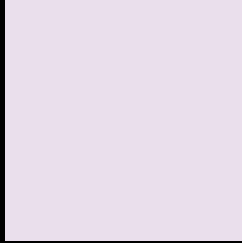
Large Text (above 18pt) WCAG AA × Fail

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, 7.843, 320.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

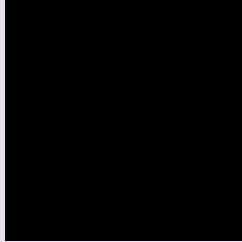
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

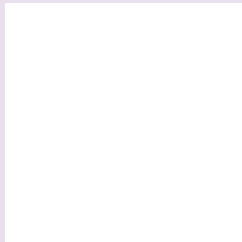
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.843, 320.395

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.843, 320.395.

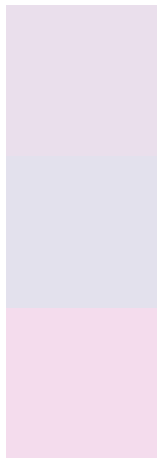


This preview shows how white text looks on a background with the CIELCh color 90, 7.843, 320.395.

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

90, 7.843, 320.395

Protanopia

90, 6.295, 297.079

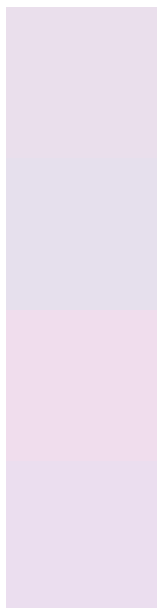
Deuteranopia

90, 12.329, 334.592



Tritanopia
90, 10.472, 316.729

Trichromacy



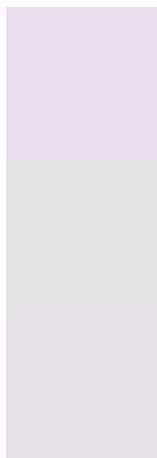
Original Color
90, 7.843, 320.395

Protanomaly
90, 7.115, 307.949

Deuteranomaly
90, 10.755, 329.547

Tritanomaly
90, 10.009, 318.029

Monochromacy



Original Color
90, 7.843, 320.395

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, 7.843, 320.395 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.843, 320.395 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, 236) }
```

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

```
.border{ border-color:rgb(234, 223, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.843, 320.395 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, 236) }
```

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

```
.background{ background-color: rgb(234,  
223, 236) }
```

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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