

Converting Colors

CIELCh(90, 7.274, 336.984)

Have a look what the booklet for
CIELCh(90, 7.274, 336.984) contains.

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Color

CIELCh(90, 7.499, 336.058)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEE8
RGB	237, 222, 232
RGB Percent	93%, 87%, 91%
CMY	0.0694, 0.1282, 0.0890
CMYK	0.00, 0.06, 0.02, 0.07
HSL	320°, 30%, 90%
HSV	320°, 6%, 93%
XYZ	75.8370, 76.3034, 87.3011
YIQ	227.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

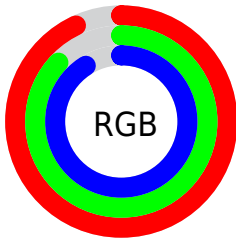
Format	Color
R _Y B	237, 222, 232
Decimal	15589096
CIE Lab	90.00, 6.85, -3.04
CIE LCh	90, 7.499, 336.058
Yxy	76.3034, 0.3167, 0.3187
Android (android.graphics.Color)	4293779176 (0xFFEDDEE8)
YUV	227.6250, 2.1569, 8.2219
Hunter-Lab	87.3518, 2.1043, 1.8906

Details

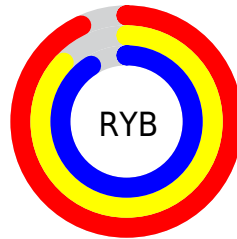
The CIELCh color `90, 7.499, 336.058` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 7.457, 155.271`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 7.245, 337.197` is the 20% darker color. If you saturate the color by 10%, you get `84, 19.505, 336.835`, and if you desaturate by 10%, it is `96, 4.301, 155.515`.

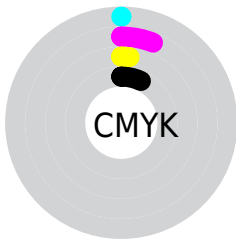
Distribution



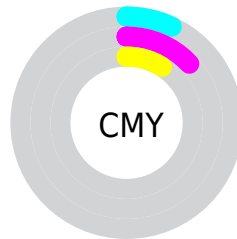
- Red (93%)
- Green (87%)
- Blue (91%)



- Red (93%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.499, 336.058 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, 7.499, 336.058 by changing the saturation by 10% instead.

90, 7.499, 336.058

90, 7.499, 336.058

100, 7.499,
336.058

80, 7.499, 336.058

70, 7.499, 336.058

60, 7.499, 336.058

50, 7.499, 336.058

40, 7.499, 336.058

30, 7.499, 336.058

20, 7.499, 336.058

10, 7.499, 336.058

0, 7.499, 336.058

90, 7.499, 336.058

90, 7.499, 336.058

84, 19.505,
336.835

96, 4.301, 155.515

78, 31.571,
337.639

99, 7.116, 169.593

73, 43.450,
338.505

99, 6.074, 199.130

68, 54.786,
339.452

63, 65.095,
340.509

59, 73.796,
341.718

56, 80.298,
343.142

54, 84.167,
344.865

■ 53, 85.347,
346.982

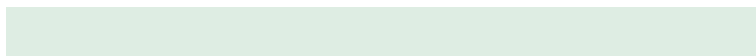
Harmonies

Complementary

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



90, 7.499, 336.058



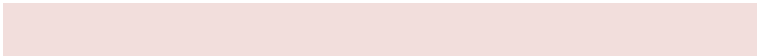
93, 7.457, 155.271

Rectangle

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



90, 7.499, 336.058



90, 7.499, 26.058



90, 7.499, 156.058



90, 7.499, 206.058

Sweetspot

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



90, 7.496, 336.062



99, 2.509, 335.643



89, 8.037, 303.389



53, 1.427, 335.628



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, 7.496, 336.062



95, 10.072, 336.196



90, 5.582, 6.288



47, 6.812, 336.308



41, 70.675, 347.412



9, 31.751, 343.936

Inverse Universe

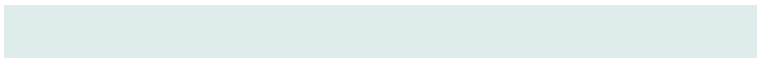
The Inverse Universe completely reimagines the original color for something new.



90, 7.496, 336.062



95, 10.072, 336.196



93, 5.428, 185.390



47, 6.812, 336.308



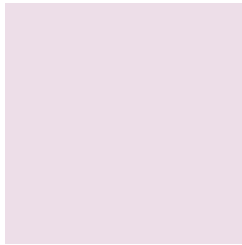
41, 70.675, 347.412



9, 31.751, 343.936

Previews

White Background



This preview shows how the CIELCh color 90, 7.499, 336.058 looks on a white background.

Color Contrast Check

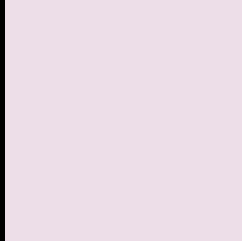
Large Text (above 18pt) WCAG AA × Fail

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, 7.499, 336.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

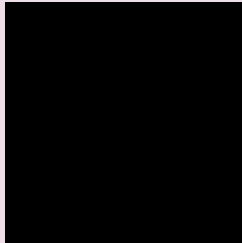
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

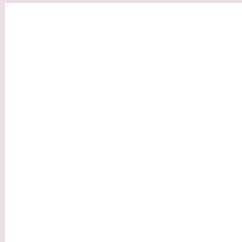
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.499, 336.058

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.499, 336.058.

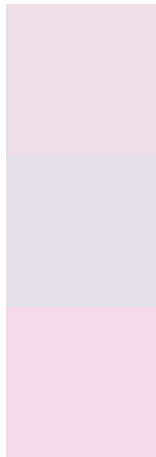


This preview shows how white text looks on a background with the CIELCh color 90, 7.499, 336.058.

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, 7.499, 336.058

Protanopia

90, 4.818, 303.243

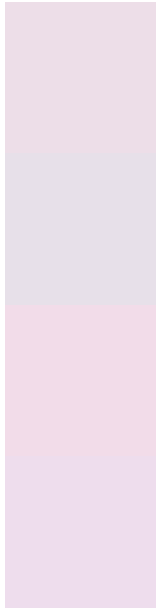
Deuteranopia

90, 11.852, 342.463



Tritanopia
90, 11.175, 323.310

Trichromacy



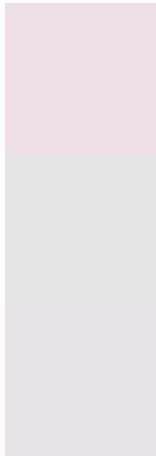
Original Color
90, 7.499, 336.058

Protanomaly
90, 5.330, 318.268

Deuteranomaly
90, 10.407, 339.716

Tritanomaly
90, 10.322, 326.433

Monochromacy



Original Color
90, 7.499, 336.058

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.759, 330.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.499, 336.058 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(237, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 232)  
}
```

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(237, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.499, 336.058 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(237, 222, 232) }
```

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

```
.border{ border-color:rgb(237, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.499, 336.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 232) }
```

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

```
.background{ background-color: rgb(237,  
222, 232) }
```

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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