

Converting Colors

CIELCh(90, 7.087, 326.042)

Have a look what the booklet for
CIELCh(90, 7.087, 326.042) contains.

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Color

CIELCh(90, 7.172, 327.021)

Conversions

Conversions Part 1

Format	Color
Hex	EBDFEA
RGB	235, 223, 234
RGB Percent	92%, 87%, 92%
CMY	0.0788, 0.1259, 0.0827
CMYK	0.00, 0.05, 0.00, 0.08
HSL	305°, 23%, 90%
HSV	305°, 5%, 92%
XYZ	75.4269, 76.3034, 88.5201
YIQ	227.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

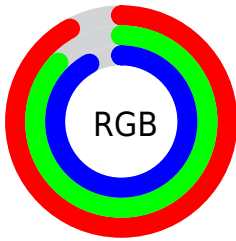
Format	Color
R _Y B	235, 223, 234
Decimal	15458282
CIE Lab	90.00, 6.02, -3.90
CIE LCh	90, 7.172, 327.021
Yxy	76.3034, 0.3140, 0.3176
Android (android.graphics.Color)	4293648362 (0xFFE8DFEA)
YUV	227.8420, 3.0359, 6.2776
Hunter-Lab	87.3518, 1.2663, 1.0633

Details

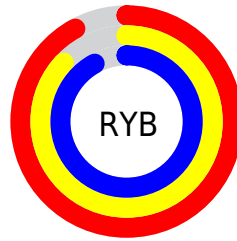
The CIELCh color `90, 7.172, 327.021` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 7.149, 146.516`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 6.886, 327.308` is the 20% darker color. If you saturate the color by 10%, you get `84, 21.327, 327.629`, and if you desaturate by 10%, it is `96, 6.787, 146.546`.

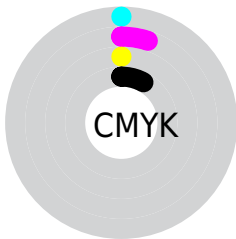
Distribution



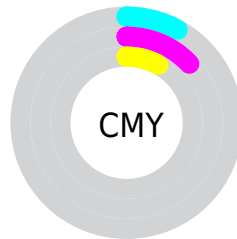
- Red (92%)
- Green (87%)
- Blue (92%)



- 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, 7.172, 327.021 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, 7.172, 327.021 by changing the saturation by 10% instead.

90, 7.172, 327.021

90, 7.172, 327.021

100, 7.172,
327.021

80, 7.172, 327.021

70, 7.172, 327.021

60, 7.172, 327.021

50, 7.172, 327.021

40, 7.172, 327.021

30, 7.172, 327.021

20, 7.172, 327.021

10, 7.172, 327.021

0, 7.172, 327.021

90, 7.172, 327.021

90, 7.172, 327.021

84, 21.327,
327.629

96, 6.787, 146.546

79, 35.500,
328.218

98, 11.319,
148.220

73, 49.412,
328.799

98, 10.550,
151.567

69, 62.671,
329.364

98, 9.820, 155.414

64, 74.776,
329.904

98, 9.139, 159.846

61, 85.144,
330.409

98, 7.974, 170.784

58, 93.204,
330.877

98, 7.521, 177.390

56, 98.544,
331.310

98, 7.177, 184.728

■ 55,101.089,
331.719

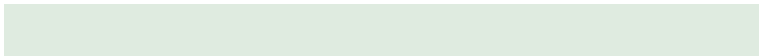
Harmonies

Complementary

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



90, 7.172, 327.021



92, 7.149, 146.516

Rectangle

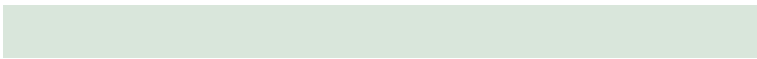
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 7.172, 327.021



90, 7.172, 17.021



90, 7.172, 147.021



90, 7.172, 197.021

Sweetspot

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



90, 7.169, 327.022



99, 3.000, 326.777



89, 6.269, 293.900



53, 1.706, 326.766



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, 7.169, 327.022



96, 9.009, 327.081



90, 5.049, 348.754



47, 5.583, 327.119



42, 83.715, 331.849



9, 36.193, 331.278

Inverse Universe

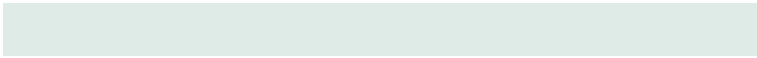
The Inverse Universe completely reimagines the original color for something new.



90, 7.169, 327.022



96, 9.009, 327.081



92, 4.992, 168.051



47, 5.583, 327.119



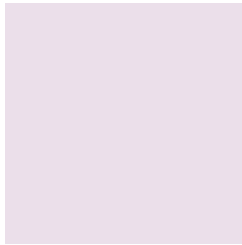
42, 83.715, 331.849



9, 36.193, 331.278

Previews

White Background



This preview shows how the CIELCh color 90, 7.172, 327.021 looks on a white background.

Color Contrast Check

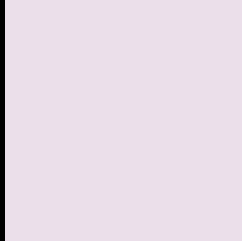
Large Text (above 18pt) WCAG AA × Fail

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, 7.172, 327.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

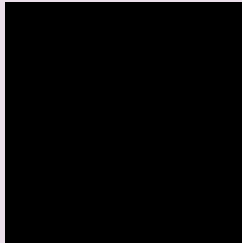
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

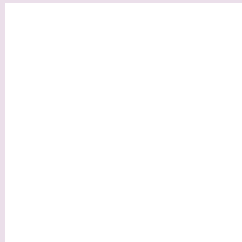
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.172, 327.021

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.172, 327.021.



This preview shows how white text looks on a background with the CIELCh color 90, 7.172, 327.021.

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](#).

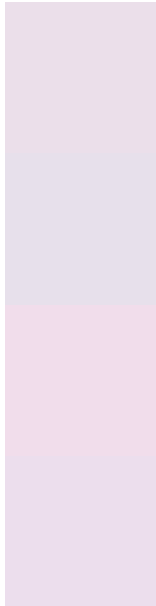
Dichromacy





Tritanopia
90, 10.177, 319.807

Trichromacy



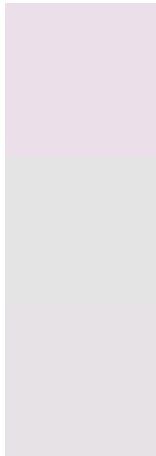
Original Color
90, 7.172, 327.021

Protanomaly
90, 6.266, 313.849

Deuteranomaly
90, 10.225, 334.817

Tritanomaly
90, 9.288, 322.933

Monochromacy



Original Color
90, 7.172, 327.021

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, 7.172, 327.021 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(235, 223, 234)` looks like.

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

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(235, 223, 234) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 90, 7.172, 327.021 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(235, 223, 234) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 90, 7.172, 327.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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