

Converting Colors

CIELCh(90, 8.610, 318.581)

Have a look what the booklet for
CIELCh(90, 8.610, 318.581) contains.

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Color

CIELCh(90, 8.296, 318.613)

Conversions

Conversions Part 1

Format	Color
Hex	EADFED
RGB	234, 223, 237
RGB Percent	92%, 87%, 93%
CMY	0.0828, 0.1259, 0.0710
CMYK	0.01, 0.06, 0.00, 0.07
HSL	287°, 28%, 90%
HSV	287°, 6%, 93%
XYZ	75.5285, 76.3034, 90.7883
YIQ	227.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

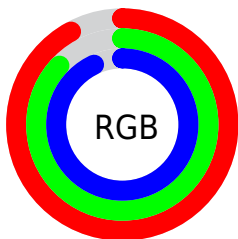
Format	Color
RYB	234, 223, 237
Decimal	15392749
CIELab	90.00, 6.22, -5.48
CIELCh	90, 8.296, 318.613
Yxy	76.3034, 0.3113, 0.3145
Android (android.graphics.Color)	4293582829 (0xFFEADFED)
YUV	227.8850, 4.4937, 5.3629
Hunter-Lab	87.3518, 1.4740, -0.4763

Details

The CIELCh color **90, 8.296, 318.613** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 8.251, 138.145**, 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, 8.073, 318.165** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.525, 319.074**, and if you desaturate by 10%, it is **96, 5.662, 138.250**.

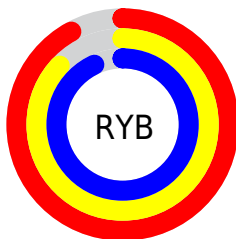
Distribution



Red (92%)

Green (87%)

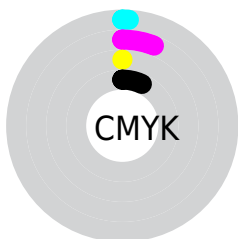
Blue (93%)



Red (92%)

Yellow (87%)

Blue (93%)

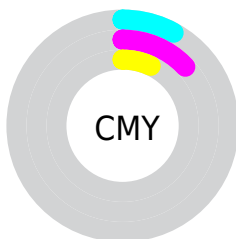


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.296, 318.613 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, 8.296, 318.613 by changing the saturation by 10% instead.

90, 8.296, 318.613

90, 8.296, 318.613

100, 8.296,
318.613

80, 8.296, 318.613

70, 8.296, 318.613

60, 8.296, 318.613

50, 8.296, 318.613

40, 8.296, 318.613

30, 8.296, 318.613

20, 8.296, 318.613

10, 8.296, 318.613

0, 8.296, 318.613

90, 8.296, 318.613

90, 8.296, 318.613

84, 22.525,
319.074

96, 5.662, 138.250

78, 36.907,
319.525

99, 10.012,
132.361

72, 51.236,
319.958

99, 9.428, 122.327

66, 65.198,
320.350

100, 9.171,
111.258

61, 78.346,
320.668

100, 9.164,
109.483

57, 90.091,
320.870

53, 99.753,
320.907

50, 106.709,
320.731

■ 48, 110.643,
320.307

Harmonies

Complementary

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



90, 8.296, 318.613



93, 8.251, 138.145

Rectangle

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



90, 8.296, 318.613



90, 8.296, 8.613



90, 8.296, 138.613



90, 8.296, 188.613

Sweetspot

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



90, 8.294, 318.611



99, 2.975, 318.387



90, 5.783, 280.116



53, 1.691, 318.378



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, 8.294, 318.611



95, 10.442, 318.665



90, 7.251, 333.965



47, 6.339, 318.691



36, 91.257, 320.216



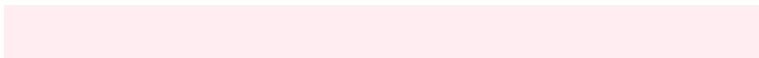
7, 38.624, 321.190

Inverse Universe

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



90, 5.293, 2.603



95, 6.676, 2.729



92, 7.219, 153.271



46, 4.057, 2.789



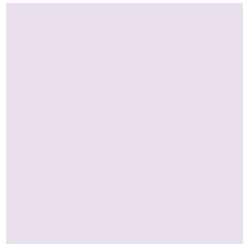
38, 71.146, 28.268



7, 27.882, 13.802

Previews

White Background



This preview shows how the CIELCh color 90, 8.296, 318.613 looks on a white background.

Color Contrast Check

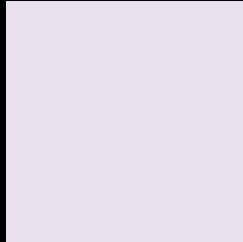
Large Text (above 18pt) WCAG AA × Fail

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, 8.296, 318.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

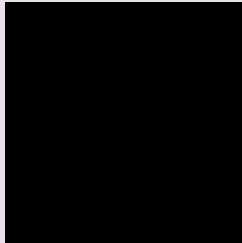
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

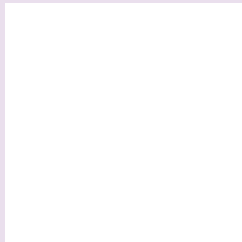
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.296, 318.613

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.296, 318.613.

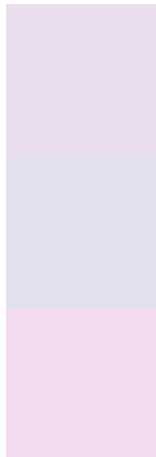


This preview shows how white text looks on a background with the CIELCh color 90, 8.296, 318.613.

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, 8.296, 318.613

Protanopia

90, 6.811, 296.623

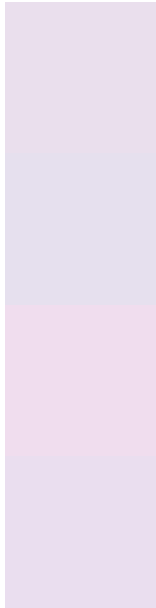
Deuteranopia

90, 12.465, 331.716



Tritanopia
90, 10.322, 314.962

Trichromacy



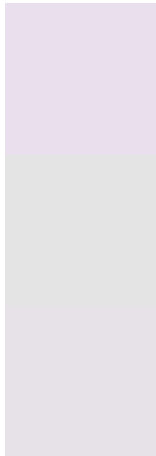
Original Color
90, 8.296, 318.613

Protanomaly
90, 7.613, 306.803

Deuteranomaly
90, 11.159, 327.864

Tritanomaly
90, 9.851, 316.197

Monochromacy



Original Color
90, 8.296, 318.613

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, 8.296, 318.613 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.296, 318.613 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, 237) }
```

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

```
.border{ border-color:rgb(234, 223, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.296, 318.613 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, 237) }
```

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

```
.background{ background-color: rgb(234,  
223, 237) }
```

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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