

Converting Colors

CIELCh(90, 8.165, 314.894)

Have a look what the booklet for
CIELCh(90, 8.165, 314.894) contains.

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Color

CIELCh(90, 8.134, 316.406)

Conversions

Conversions Part 1

Format	Color
Hex	E9DFED
RGB	233, 223, 237
RGB Percent	91%, 87%, 93%
CMY	0.0858, 0.1250, 0.0701
CMYK	0.02, 0.06, 0.00, 0.07
HSL	283°, 28%, 90%
HSV	283°, 6%, 93%
XYZ	75.3656, 76.3034, 90.9677
YIQ	227.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

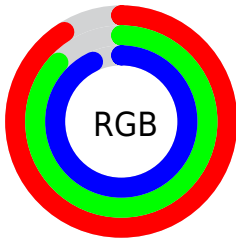
Format	Color
R _{YB}	233, 223, 237
Decimal	15327213
CIE Lab	90.00, 5.89, -5.61
CIE LCh	90, 8.134, 316.406
Yxy	76.3034, 0.3106, 0.3145
Android (android.graphics.Color)	4293517293 (0xFFE9DFED)
YUV	227.5860, 4.6411, 4.7481
Hunter-Lab	87.3518, 1.1411, -0.5980

Details

The CIELCh color `90, 8.134, 316.406` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 8.080, 135.957`, 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, 7.907, 315.763` is the 20% darker color. If you saturate the color by 10%, you get `84, 22.125, 316.852`, and if you desaturate by 10%, it is `96, 5.556, 136.055`.

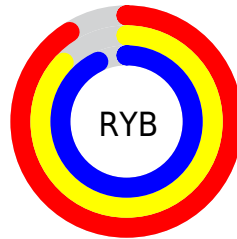
Distribution



Red (91%)

Green (87%)

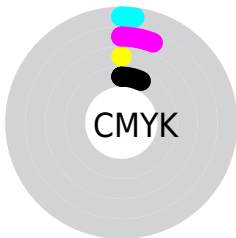
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

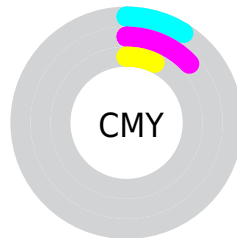


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.134, 316.406 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, 8.134, 316.406 by changing the saturation by 10% instead.

90, 8.134, 316.406

90, 8.134, 316.406

100, 8.134,
316.406

80, 8.134, 316.406

70, 8.134, 316.406

60, 8.134, 316.406

50, 8.134, 316.406

40, 8.134, 316.406

30, 8.134, 316.406

20, 8.134, 316.406

10, 8.134, 316.406

0, 8.134, 316.406

90, 8.134, 316.406

90, 8.134, 316.406

84, 22.125,
316.852

96, 5.556, 136.055

77, 36.323,
317.295

99, 9.566, 127.555

71, 50.551,
317.728

99, 9.074, 112.999

100, 9.051,
109.491

66, 64.534,
318.125

60, 77.855,
318.450

55, 89.938,
318.654

51, 100.073,
318.678

48, 107.552,
318.456

■ 46,111.936,
317.938

Harmonies

Complementary

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



90, 8.134, 316.406



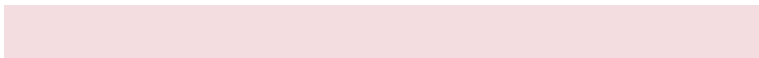
93, 8.080, 135.957

Rectangle

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



90, 8.134, 316.406



90, 8.134, 6.406



90, 8.134, 136.406



90, 8.134, 186.406

Sweetspot

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



90, 8.132, 316.404



99, 2.916, 316.190



90, 5.275, 274.485



53, 1.658, 316.182



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, 8.132, 316.404



95, 10.239, 316.456



90, 7.697, 330.850



46, 6.217, 316.480



34, 92.350, 317.830



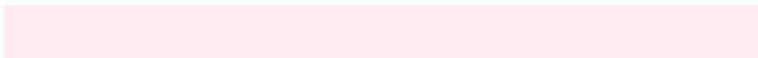
6, 38.527, 318.826

Inverse Universe

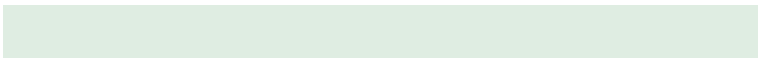
The Inverse Universe completely reimagines the original color for something new.



90, 5.465, 357.407



95, 6.891, 357.533



93, 7.671, 150.197



47, 4.186, 357.593



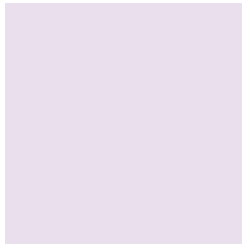
38, 68.249, 22.293



7, 27.802, 10.174

Previews

White Background



This preview shows how the CIELCh color 90, 8.134, 316.406 looks on a white background.

Color Contrast Check

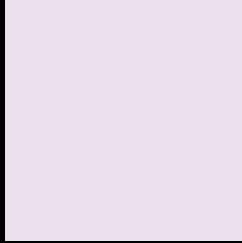
Large Text (above 18pt) WCAG AA × Fail

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, 8.134, 316.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

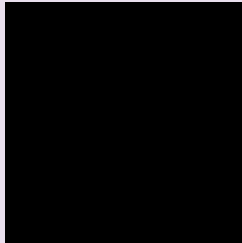
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

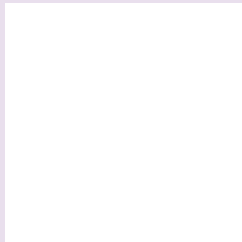
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.134, 316.406

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.134, 316.406.

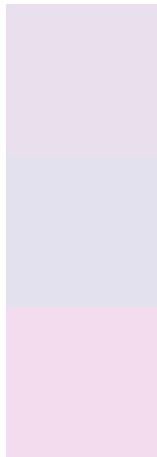


This preview shows how white text looks on a background with the CIELCh color 90, 8.134, 316.406.

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

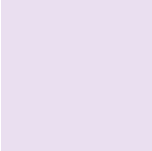
90, 8.134, 316.406

Protanopia

90, 6.811, 296.623

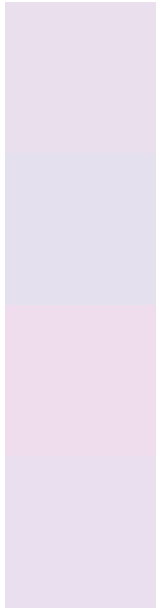
Deuteranopia

90, 12.465, 331.716



Tritanopia
90, 9.696, 314.309

Trichromacy



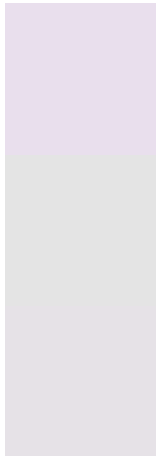
Original Color
90, 8.134, 316.406

Protanomaly
90, 7.520, 304.233

Deuteranomaly
90, 10.948, 326.363

Tritanomaly
90, 9.223, 315.594

Monochromacy



Original Color
90, 8.134, 316.406

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, 8.134, 316.406 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(233, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 223, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.134, 316.406 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(233, 223, 237) }
```

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

```
.border{ border-color:rgb(233, 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(233, 223, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 223,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.134, 316.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 223, 237) }
```

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

```
.background{ background-color: rgb(233,  
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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