

Converting Colors

CIELCh(90, 7.956, 314.083)

Have a look what the booklet for
CIELCh(90, 7.956, 314.083) contains.

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Color

CIELCh(90, 7.985, 314.118)

Conversions

Conversions Part 1

Format	Color
Hex	E8DFED
RGB	232, 223, 237
RGB Percent	91%, 87%, 93%
CMY	0.0889, 0.1241, 0.0692
CMYK	0.02, 0.06, 0.00, 0.07
HSL	279°, 28%, 90%
HSV	279°, 6%, 93%
XYZ	75.2034, 76.3034, 91.1471
YIQ	227.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

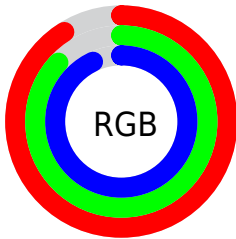
Format	Color
R _Y B	232, 223, 237
Decimal	15261677
CIE Lab	90.00, 5.56, -5.73
CIE LCh	90, 7.985, 314.118
Yxy	76.3034, 0.3099, 0.3145
Android (android.graphics.Color)	4293451757 (0xFFE8DFED)
YUV	227.2870, 4.7885, 4.1333
Hunter-Lab	87.3518, 0.8096, -0.7198

Details

The CIELCh color `90, 7.985, 314.118` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 7.922, 133.672`, 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, 7.756, 313.270` is the 20% darker color. If you saturate the color by 10%, you get `83, 21.759, 314.562`, and if you desaturate by 10%, it is `97, 5.459, 133.767`.

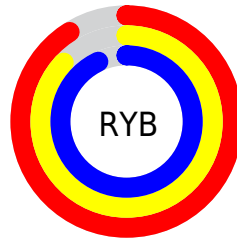
Distribution



Red (91%)

Green (87%)

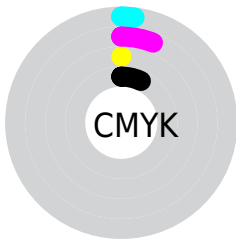
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

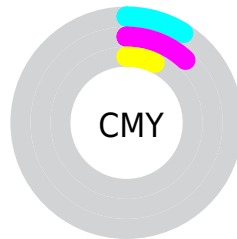


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.985, 314.118 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, 7.985, 314.118 by changing the saturation by 10% instead.

90, 7.985, 314.118

90, 7.985, 314.118

100, 7.985,
314.118

80, 7.985, 314.118

70, 7.985, 314.118

60, 7.985, 314.118

50, 7.985, 314.118

40, 7.985, 314.118

30, 7.985, 314.118

20, 7.985, 314.118

10, 7.985, 314.118

0, 7.985, 314.118

90, 7.985, 314.118

90, 7.985, 314.118

83, 21.759,
314.562

97, 5.459, 133.767

77, 35.791,
315.013

99, 9.194, 122.284

71, 49.936,
315.463

100, 8.938,
109.500

65, 63.951,
315.886

59, 77.455,
316.244

54, 89.890,
316.483

49, 100.524,
316.532

46, 108.562,
316.310

■ 43,113.434,
315.748

Harmonies

Complementary

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



90, 7.985, 314.118



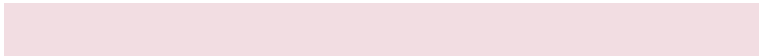
93, 7.922, 133.672

Rectangle

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



90, 7.985, 314.118



90, 7.985, 4.118



90, 7.985, 134.118



90, 7.985, 184.118

Sweetspot

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



90, 7.983, 314.115



99, 2.862, 313.908



91, 4.912, 269.192



53, 1.627, 313.901



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, 7.983, 314.115



95, 10.053, 314.166



90, 8.069, 328.614



47, 6.213, 314.191



32, 94.601, 315.626



6, 40.047, 316.657

Inverse Universe

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



90, 5.681, 352.569



95, 7.159, 352.692



93, 8.046, 147.988



47, 4.426, 352.752



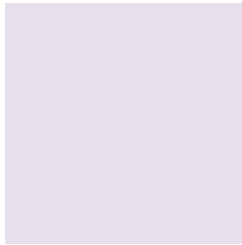
39, 66.959, 15.760



8, 28.764, 6.576

Previews

White Background



This preview shows how the CIELCh color 90, 7.985, 314.118 looks on a white background.

Color Contrast Check

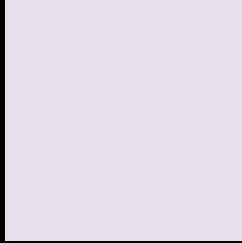
Large Text (above 18pt) WCAG AA × Fail

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, 7.985, 314.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

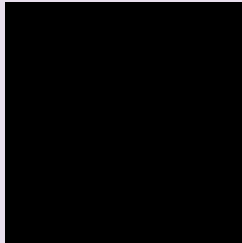
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

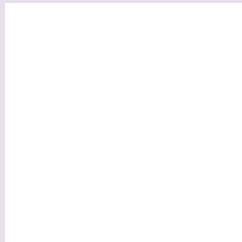
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.985, 314.118

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.985, 314.118.

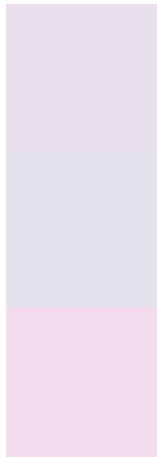


This preview shows how white text looks on a background with the CIELCh color 90, 7.985, 314.118.

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

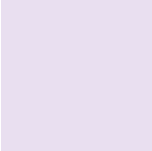
90, 7.985, 314.118

Protanopia

90, 6.811, 296.623

Deuteranopia

90, 12.465, 331.716



Tritanopia
90, 9.559, 312.370

Trichromacy



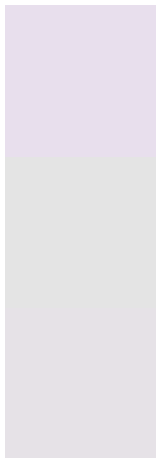
Original Color
90, 7.985, 314.118

Protanomaly
90, 7.520, 304.233

Deuteranomaly
90, 10.948, 326.363

Tritanomaly
90, 9.079, 313.570

Monochromacy



Original Color
90, 7.985, 314.118

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, 7.985, 314.118 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(232, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.985, 314.118 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(232, 223, 237) }
```

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

```
.border{ border-color:rgb(232, 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(232, 223, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.985, 314.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 237) }
```

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

```
.background{ background-color: rgb(232,  
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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