

Converting Colors

CIELCh(90, 7.353, 318.445)

Have a look what the booklet for
CIELCh(90, 7.353, 318.445) contains.

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Color

CIELCh(90, 7.671, 318.091)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E9DFEC |
| RGB | 233, 223, 236 |
| RGB Percent | 91%, 87%, 93% |
| CMY | 0.0855, 0.1247, 0.0737 |
| CMYK | 0.01, 0.06, 0.00, 0.07 |
| HSL | 286°, 26%, 90% |
| HSV | 286°, 6%, 93% |
| XYZ | 75.2767, 76.3034, 90.2670 |
| YIQ | 227.4720, 1.7870, 6.1630 |

Conversions

Conversions Part 2

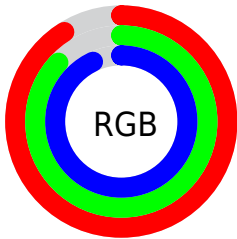
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 233, 223, 236 |
| Decimal | 15327212 |
| CIE Lab | 90.00, 5.71, -5.12 |
| CIE LCh | 90, 7.671, 318.091 |
| Yxy | 76.3034, 0.3113, 0.3155 |
| Android (android.graphics.Color) | 4293517292 (0xFFE9DFEC) |
| YUV | 227.4720, 4.2043, 4.8481 |
| Hunter-Lab | 87.3518, 0.9593, -0.1224 |

Details

The CIELCh color `90, 7.671, 318.091` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 7.627, 137.669`, 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, 7.417, 317.550` is the 20% darker color. If you saturate the color by 10%, you get `84, 21.797, 318.548`, and if you desaturate by 10%, it is `96, 6.174, 137.731`.

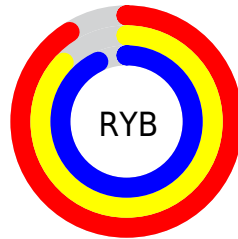
Distribution



Red (91%)

Green (87%)

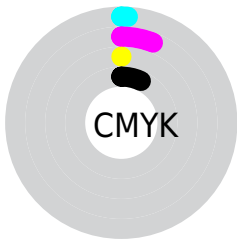
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

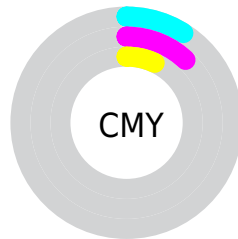


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (9%)

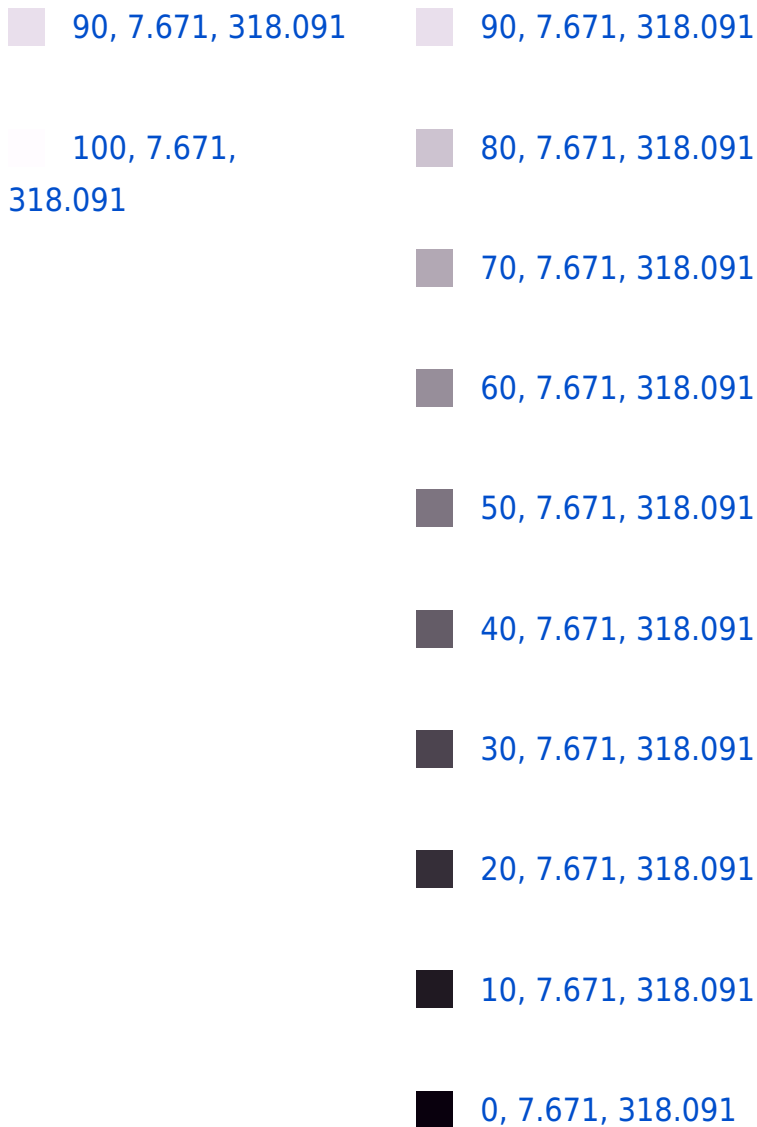
Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.671, 318.091 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, 7.671, 318.091 by changing the saturation by 10% instead.



90, 7.671, 318.091

90, 7.671, 318.091

84, 21.797,
318.548

96, 6.174, 137.731

78, 36.094,
318.996

99, 10.334,
131.504

72, 50.368,
319.429

99, 9.741, 120.988

66, 64.320,
319.822

100, 9.518,
109.456

61, 77.516,
320.144

56, 89.376,
320.349

53, 99.219,
320.388

50, 106.396,
320.208

■ 48,110.546,
319.770

Harmonies

Complementary

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



90, 7.671, 318.091



92, 7.627, 137.669

Rectangle

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



90, 7.671, 318.091



90, 7.671, 8.091



90, 7.671, 138.091



90, 7.671, 188.091

Sweetspot

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



90, 7.669, 318.089



99, 2.961, 317.887



90, 5.274, 279.022



53, 1.684, 317.878



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, 7.669, 318.089



95, 10.394, 318.162



90, 6.817, 333.281



47, 6.310, 318.187



36, 91.492, 319.649



7, 38.613, 320.647

Inverse Universe

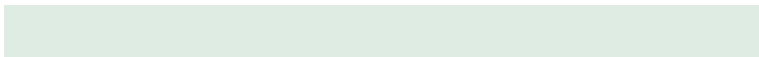
The Inverse Universe completely reimagines the original color for something new.



90, 4.947, 1.326



95, 6.721, 1.500



92, 6.789, 152.659



46, 4.083, 1.560



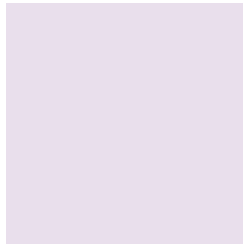
38, 70.412, 26.959



7, 27.856, 13.028

Previews

White Background



This preview shows how the CIELCh color 90, 7.671, 318.091 looks on a white background.

Color Contrast Check

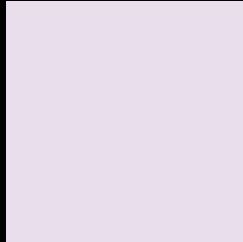
Large Text (above 18pt) WCAG AA × Fail

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, 7.671, 318.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

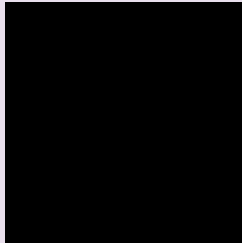
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

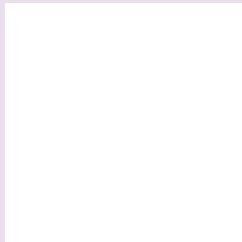
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.671, 318.091

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.671, 318.091.

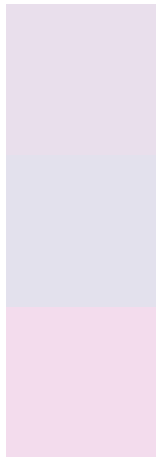


This preview shows how white text looks on a background with the CIELCh color 90, 7.671, 318.091.

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

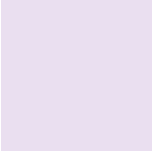
90, 7.671, 318.091

Protanopia

90, 6.295, 297.079

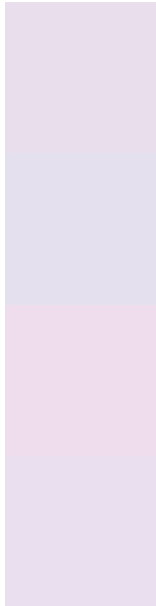
Deuteranopia

90, 12.084, 333.346



Tritanopia
90, 9.696, 314.309

Trichromacy



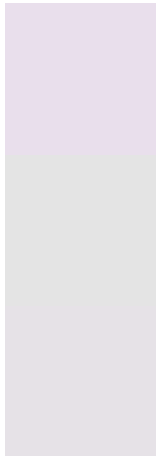
Original Color
90, 7.671, 318.091

Protanomaly
90, 7.016, 305.206

Deuteranomaly
90, 10.534, 328.020

Tritanomaly
90, 9.223, 315.594

Monochromacy



Original Color
90, 7.671, 318.091

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, 7.671, 318.091 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(233, 223, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 223, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.671, 318.091 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, 236) }
```

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

```
.border{ border-color:rgb(233, 223, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 223,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.671, 318.091 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, 236) }
```

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

```
.background{ background-color: rgb(233,  
223, 236) }
```

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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