

Converting Colors

CIELCh(90, 4.517, 315.088)

Have a look what the booklet for
CIELCh(90, 4.517, 315.088) contains.

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Color

CIELCh(90, 4.074, 316.260)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E8
RGB	230, 225, 232
RGB Percent	90%, 88%, 91%
CMY	0.0990, 0.1186, 0.0912
CMYK	0.01, 0.03, 0.00, 0.09
HSL	283°, 13%, 90%
HSV	283°, 3%, 91%
XYZ	73.9347, 76.3034, 86.9823
YIQ	227.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

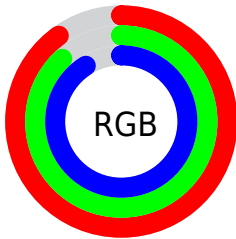
Format	Color
R _Y B	230, 225, 232
Decimal	15131112
CIE Lab	90.00, 2.94, -2.82
CIE LCh	90, 4.074, 316.260
Yxy	76.3034, 0.3117, 0.3217
Android (android.graphics.Color)	4293321192 (0xFFE6E1E8)
YUV	227.2930, 2.3206, 2.3740
Hunter-Lab	87.3518, -1.7829, 2.1071

Details

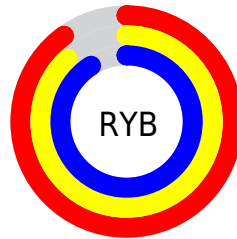
The CIELCh color **90, 4.074, 316.260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 4.043, 136.105**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 3.804, 319.899** is the 20% darker color. If you saturate the color by 10%, you get **84, 17.728, 316.720**, and if you desaturate by 10%, it is **96, 9.266, 135.923**.

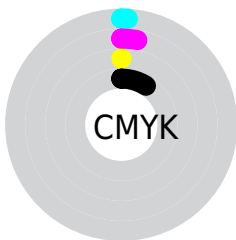
Distribution



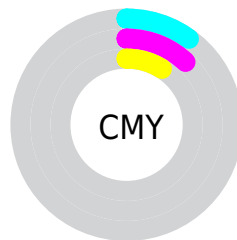
- Red (90%)
- Green (88%)
- Blue (91%)



- Red (90%)
- Yellow (88%)
- Blue (91%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 4.074, 316.260 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, 4.074, 316.260 by changing the saturation by 10% instead.

90, 4.074, 316.260

90, 4.074, 316.260

100, 4.074,
316.260

80, 4.074, 316.260

70, 4.074, 316.260

60, 4.074, 316.260

50, 4.074, 316.260

40, 4.074, 316.260

30, 4.074, 316.260

20, 4.074, 316.260

10, 4.074, 316.260

0, 4.074, 316.260

90, 4.074, 316.260

90, 4.074, 316.260

84, 17.728,
316.720

96, 9.266, 135.923

78, 31.619,
317.164

99, 12.594,
129.246

72, 45.599,
317.601

99, 11.955,
118.616

66, 59.431,
318.011

99, 11.772,
109.288

60, 72.749,
318.361

55, 85.037,
318.607

51, 95.631,
318.691

48, 103.815,
318.550

■ 45,109.044,
318.124

Harmonies

Complementary

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



90, 4.074, 316.260



91, 4.043, 136.105

Rectangle

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



90, 4.074, 316.260



90, 4.074, 6.260



90, 4.074, 136.260



90, 4.074, 186.260

Sweetspot

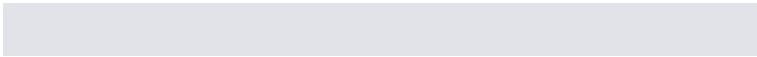
The Sweet Spot groups the original color and five complimentary colors.



90, 4.072, 316.255



99, 1.462, 316.071



90, 2.645, 274.159



53, 0.831, 316.061



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, 4.072, 316.255



97, 5.835, 316.310



90, 3.857, 330.626



47, 3.805, 316.345



34, 91.379, 317.837



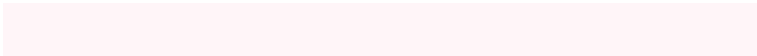
6, 36.804, 318.615

Inverse Universe

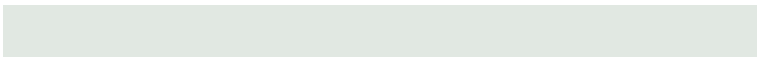
The Inverse Universe completely reimagines the original color for something new.



90, 2.727, 357.029



97, 3.913, 357.173



91, 3.837, 150.430



47, 2.554, 357.262



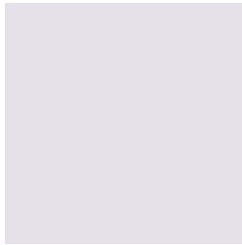
37, 67.507, 22.221



7, 26.648, 9.276

Previews

White Background



This preview shows how the CIELCh color 90, 4.074, 316.260 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, 4.074, 316.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

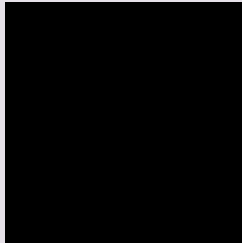
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

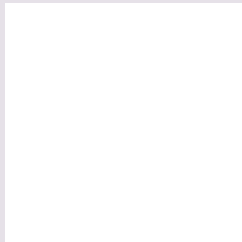
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 4.074, 316.260

Background



This preview shows how black text looks on a background with the CIELCh color 90, 4.074, 316.260.

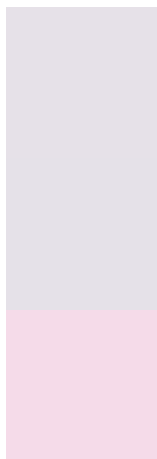


This preview shows how white text looks on a background with the CIELCh color 90, 4.074, 316.260.

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, 4.074, 316.260

Protanopia

90, 3.929, 311.610

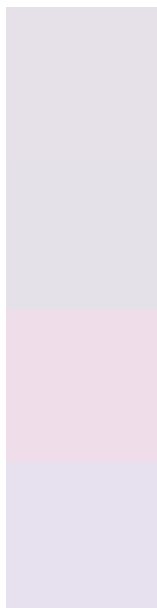
Deuteranopia

90, 11.852, 342.463



Tritanopia
90, 9.816, 307.447

Trichromacy



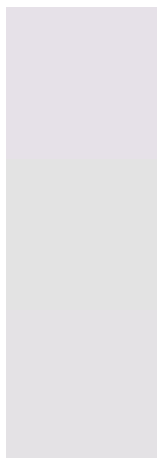
Original Color
90, 4.074, 316.260

Protanomaly
90, 3.929, 311.610

Deuteranomaly
90, 8.994, 336.153

Tritanomaly
90, 7.721, 309.311

Monochromacy



Original Color
90, 4.074, 316.260

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.730, 314.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 4.074, 316.260 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(230, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 232)  
}
```

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(230, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 4.074, 316.260 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(230, 225, 232) }
```

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

```
.border{ border-color:rgb(230, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 4.074, 316.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 232) }
```

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

```
.background{ background-color: rgb(230,  
225, 232) }
```

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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