

Converting Colors

CIELCh(90, 3.170, 324.472)

Have a look what the booklet for
CIELCh(90, 3.170, 324.472) contains.

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Color

CIELCh(90, 3.174, 324.471)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E6
RGB	230, 225, 230
RGB Percent	90%, 88%, 90%
CMY	0.0985, 0.1181, 0.0985
CMYK	0.00, 0.02, 0.00, 0.10
HSL	300°, 9%, 89%
HSV	300°, 2%, 90%
XYZ	73.7611, 76.3034, 85.6223
YIQ	227.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

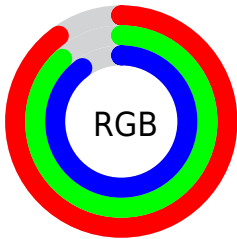
Format	Color
R _Y B	230, 225, 230
Decimal	15131110
CIE Lab	90.00, 2.58, -1.84
CIE LCh	90, 3.174, 324.471
Yxy	76.3034, 0.3130, 0.3237
Android (android.graphics.Color)	4293321190 (0xFFE6E1E6)
YUV	227.0650, 1.4470, 2.5740
Hunter-Lab	87.3518, -2.1378, 3.0301

Details

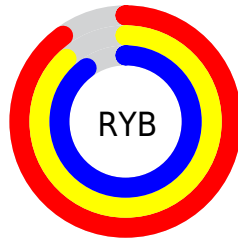
The CIELCh color `90, 3.174, 324.471` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 3.152, 144.411`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 3.340, 324.526` is the 20% darker color. If you saturate the color by 10%, you get `84, 17.852, 325.095`, and if you desaturate by 10%, it is `96, 11.265, 144.045`.

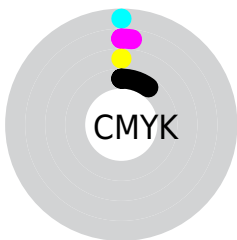
Distribution



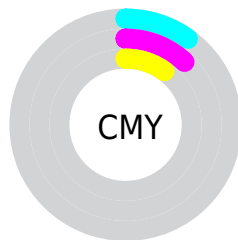
- Red (90%)
- Green (88%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 3.174, 324.471 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, 3.174, 324.471 by changing the saturation by 10% instead.

■ 90, 3.174, 324.471

■ 90, 3.174, 324.471

100, 3.174,
324.471

■ 80, 3.174, 324.471

■ 70, 3.174, 324.471

■ 60, 3.174, 324.471

■ 50, 3.174, 324.471

■ 40, 3.174, 324.471

■ 30, 3.174, 324.471

■ 20, 3.174, 324.471

■ 10, 3.174, 324.471

■ 0, 3.174, 324.471

90, 3.174, 324.471

90, 3.174, 324.471

84, 17.852,
325.095

96, 11.265,
144.045

79, 32.603,
325.650

98, 15.666,
143.873

74, 47.166,
326.185

98, 15.666,
143.872

69, 61.175,
326.688

98, 15.665,
143.872

65, 74.156,
327.143

98, 15.665,
143.871

61, 85.550,
327.532

98, 15.665,
143.871

58, 94.793,
327.840

98, 15.665,
143.870

56, 101.445,
328.058

98, 15.665,
143.870

■ 55, 105.347,
328.183

■ 98, 15.665,
143.869

Harmonies

Complementary

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



90, 3.174, 324.471



91, 3.152, 144.411

Rectangle

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



90, 3.174, 324.471



90, 3.174, 14.471



90, 3.174, 144.471



90, 3.174, 194.471

Sweetspot

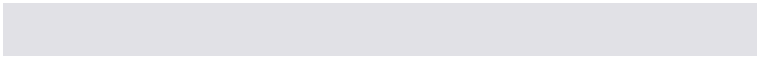
The Sweet Spot groups the original color and five complimentary colors.



90, 3.172, 324.471



99, 1.592, 324.302



90, 2.562, 289.754



53, 0.905, 324.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

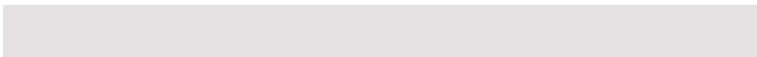
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 3.172, 324.471



98, 4.763, 324.542



90, 2.251, 342.742



47, 3.312, 324.597



42, 88.428, 328.232



9, 37.108, 328.232

Inverse Universe

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



90, 1.794, 19.194



98, 2.702, 19.341



91, 2.231, 162.789



47, 1.884, 19.438



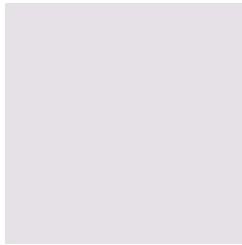
37, 79.983, 39.971



6, 27.105, 21.757

Previews

White Background



This preview shows how the CIELCh color 90, 3.174, 324.471 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, 3.174, 324.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

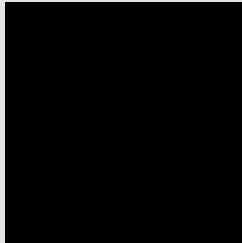
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

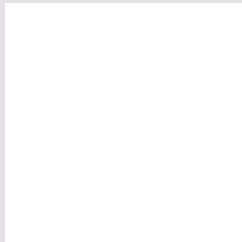
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 3.174, 324.471

Background



This preview shows how black text looks on a background with the CIELCh color 90, 3.174, 324.471.



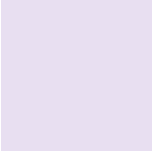
This preview shows how white text looks on a background with the CIELCh color 90, 3.174, 324.471.

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](#).

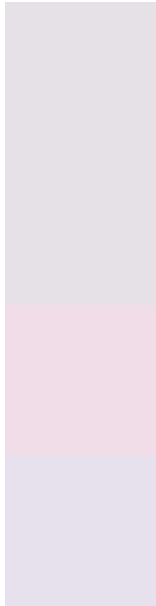
Dichromacy





Tritanopia
90, 9.924, 309.388

Trichromacy



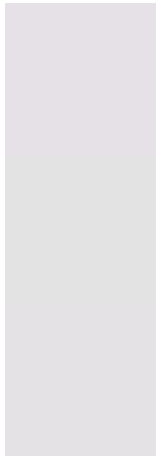
Original Color
90, 3.174, 324.471

Protanomaly
90, 2.986, 318.830

Deuteranomaly
90, 8.597, 342.853

Tritanomaly
90, 7.231, 310.615

Monochromacy



Original Color
90, 3.174, 324.471

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.276, 324.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 3.174, 324.471 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, 230)` looks like.

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

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, 230) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 90, 3.174, 324.471 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, 230) }
```

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

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

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, 230)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 90, 3.174, 324.471 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, 230) }
```

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

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

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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