

Converting Colors

CIELCh(90, 2.084, 349.371)

Have a look what the booklet for
CIELCh(90, 2.084, 349.371) contains.

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Color

CIELCh(90, 2.084, 349.371)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E3
RGB	230, 225, 227
RGB Percent	90%, 88%, 89%
CMY	0.0976, 0.1172, 0.1094
CMYK	0.00, 0.02, 0.01, 0.10
HSL	336°, 9%, 89%
HSV	336°, 2%, 90%
XYZ	73.5038, 76.3034, 83.6067
YIQ	226.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

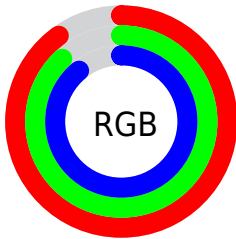
Format	Color
R_{YB}	230, 225, 227
Decimal	15131107
CIE Lab	90.00, 2.05, -0.38
CIE LCh	90, 2.084, 349.371
Yxy	76.3034, 0.3149, 0.3269
Android (android.graphics.Color)	4293321187 (0xFFE6E1E3)
YUV	226.7230, 0.1366, 2.8739
Hunter-Lab	87.3518, -2.6635, 4.3982

Details

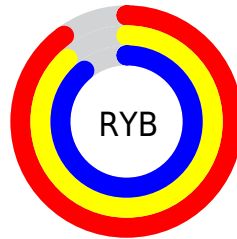
The CIELCh color **90, 2.084, 349.371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 2.061, 169.491**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 2.194, 349.481** is the 20% darker color. If you saturate the color by 10%, you get **84, 11.839, 350.531**, and if you desaturate by 10%, it is **96, 7.337, 168.864**.

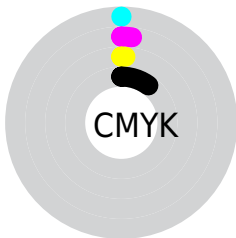
Distribution



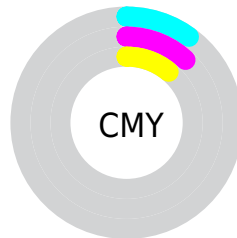
- Red (90%)
- Green (88%)
- Blue (89%)



- Red (90%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 2.084, 349.371 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, 2.084, 349.371 by changing the saturation by 10% instead.

■ 90, 2.084, 349.371

■ 90, 2.084, 349.371

100, 2.084,
349.371

■ 80, 2.084, 349.371

■ 70, 2.084, 349.371

■ 60, 2.084, 349.371

■ 50, 2.084, 349.371

■ 40, 2.084, 349.371

■ 30, 2.084, 349.371

■ 20, 2.084, 349.371

■ 10, 2.084, 349.371

■ 0, 2.084, 349.371

90, 2.084, 349.371

90, 2.084, 349.371

84, 11.839,
350.531

96, 7.337, 168.864

78, 21.863,
351.613

98, 8.491, 198.070

98, 8.484, 198.947

72, 32.017,
352.847

67, 42.069,
354.292

62, 51.679,
356.030

58, 60.390,
358.171

54, 67.695, 0.862

52, 73.178, 4.284

■ 50, 76.733, 8.602

Harmonies

Complementary

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



90, 2.084, 349.371



91, 2.061, 169.491

Rectangle

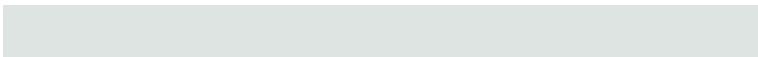
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



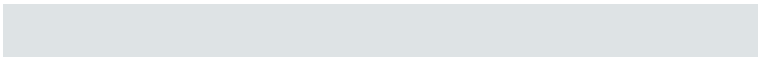
90, 2.084, 349.371



90, 2.084, 39.371



90, 2.084, 169.371



90, 2.084, 219.371

Sweetspot

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



90, 2.082, 349.399



99, 1.044, 349.024



90, 2.828, 312.514



53, 0.594, 348.993



0, 0.000, 0.000



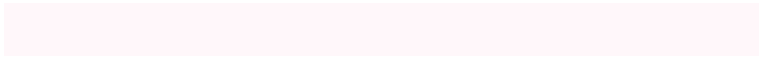
53, 0.007, 296.813

Same Dimension

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



90, 2.082, 349.399



98, 3.128, 349.540



90, 1.630, 28.278



47, 2.177, 349.643



38, 64.881, 11.570



7, 26.908, 2.321

Inverse Universe

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



90, 2.082, 349.399



98, 3.128, 349.540



91, 1.609, 208.944



47, 2.177, 349.643



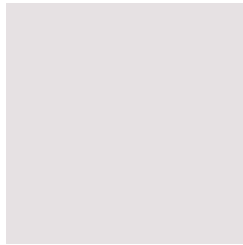
38, 64.881, 11.570



7, 26.908, 2.321

Previews

White Background



This preview shows how the CIELCh color 90, 2.084, 349.371 looks on a white background.

Color Contrast Check

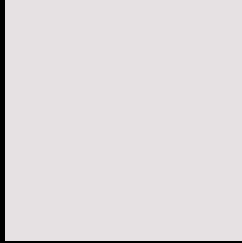
Large Text (above 18pt) WCAG AA × Fail

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, 2.084, 349.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

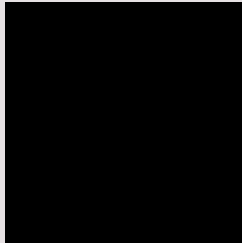
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

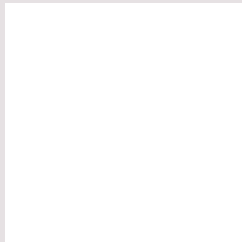
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 2.084, 349.371

Background



This preview shows how black text looks on a background with the CIELCh color 90, 2.084, 349.371.

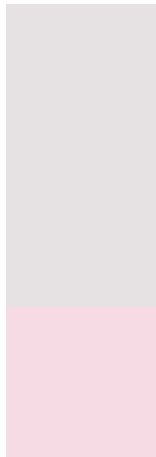


This preview shows how white text looks on a background with the CIELCh color 90, 2.084, 349.371.

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

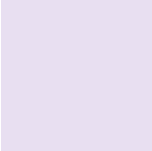
90, 2.084, 349.371

Protanopia

90, 2.084, 349.371

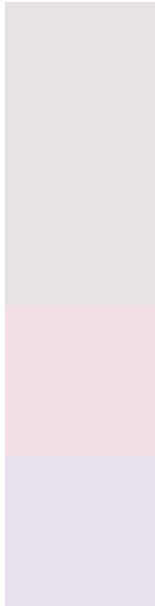
Deuteranopia

90, 11.169, 355.539



Tritanopia
90, 9.924, 309.388

Trichromacy



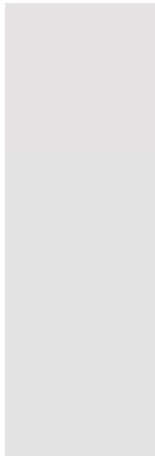
Original Color
90, 2.084, 349.371

Protanomaly
90, 2.084, 349.371

Deuteranomaly
90, 8.093, 353.301

Tritanomaly
90, 6.746, 312.113

Monochromacy



Original Color
90, 2.084, 349.371

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 0.895, 343.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 2.084, 349.371 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 2.084, 349.371 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, 227) }
```

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

```
.border{ border-color:rgb(230, 225, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 2.084, 349.371 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, 227) }
```

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

```
.background{ background-color: rgb(230,  
225, 227) }
```

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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