

Converting Colors

CIELCh(90, 5.547, 333.562)

Have a look what the booklet for
CIELCh(90, 5.547, 333.562) contains.

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Color

CIELCh(90, 5.751, 333.453)

Conversions

Conversions Part 1

Format	Color
Hex	EADFE7
RGB	234, 223, 231
RGB Percent	92%, 87%, 91%
CMY	0.0810, 0.1241, 0.0927
CMYK	0.00, 0.05, 0.01, 0.08
HSL	316°, 21%, 90%
HSV	316°, 5%, 92%
XYZ	75.0016, 76.3034, 86.6363
YIQ	227.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

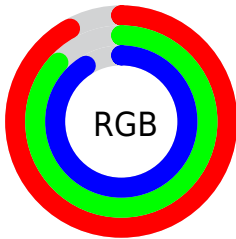
Format	Color
RYB	234, 223, 231
Decimal	15392743
CIELab	90.00, 5.14, -2.57
CIELCh	90, 5.751, 333.453
Yxy	76.3034, 0.3152, 0.3207
Android (android.graphics.Color)	4293582823 (0xFFEADFE7)
YUV	227.2010, 1.8729, 5.9627
Hunter-Lab	87.3518, 0.3972, 2.3419

Details

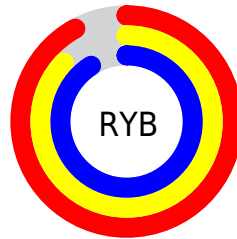
The CIELCh color `90, 5.751, 333.453` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 5.723, 152.962`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 5.399, 334.604` is the 20% darker color. If you saturate the color by 10%, you get `84, 18.123, 334.185`, and if you desaturate by 10%, it is `96, 6.410, 152.932`.

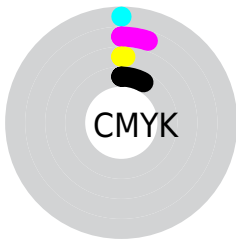
Distribution



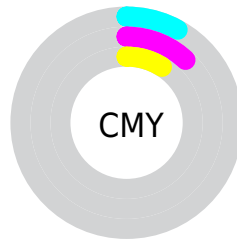
- Red (92%)
- Green (87%)
- Blue (91%)



- Red (92%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.751, 333.453 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, 5.751, 333.453 by changing the saturation by 10% instead.

90, 5.751, 333.453

90, 5.751, 333.453

100, 5.751,
333.453

80, 5.751, 333.453

70, 5.751, 333.453

60, 5.751, 333.453

50, 5.751, 333.453

40, 5.751, 333.453

30, 5.751, 333.453

20, 5.751, 333.453

10, 5.751, 333.453

0, 5.751, 333.453

90, 5.751, 333.453

90, 5.751, 333.453

84, 18.123,
334.185

96, 6.410, 152.932

78, 30.565,
334.918

98, 9.142, 161.664

73, 42.838,
335.689

98, 7.514, 181.361

68, 54.593,
336.511

63, 65.365,
337.398

59, 74.581,
338.375

56, 81.649,
339.480

54, 86.102,
340.769

■ 53, 87.800,
342.308

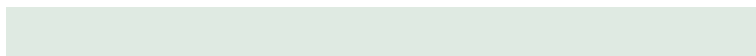
Harmonies

Complementary

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



90, 5.751, 333.453



92, 5.723, 152.962

Rectangle

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



90, 5.751, 333.453



90, 5.751, 23.453



90, 5.751, 153.453



90, 5.751, 203.453

Sweetspot

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



90, 5.748, 333.457



99, 1.314, 332.977



89, 5.839, 300.824



53, 0.747, 332.958



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, 5.748, 333.457



96, 7.877, 333.560



90, 4.189, 1.044



47, 4.882, 333.605



40, 72.681, 342.901



8, 31.998, 340.209

Inverse Universe

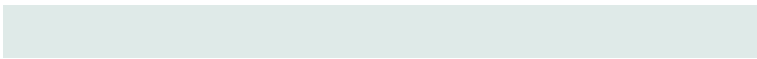
The Inverse Universe completely reimagines the original color for something new.



90, 5.748, 333.457



96, 7.877, 333.560



92, 4.113, 180.456



47, 4.882, 333.605



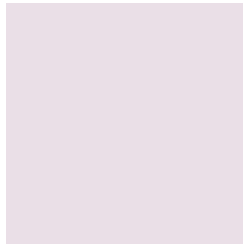
40, 72.681, 342.901



8, 31.998, 340.209

Previews

White Background



This preview shows how the CIELCh color 90, 5.751, 333.453 looks on a white background.

Color Contrast Check

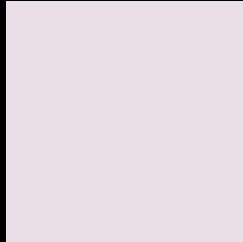
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 5.751, 333.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

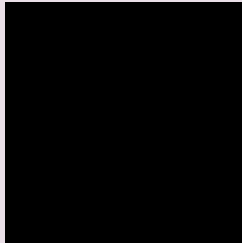
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

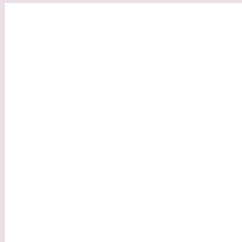
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.751, 333.453

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.751, 333.453.

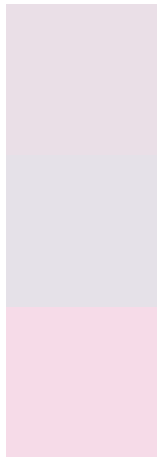


This preview shows how white text looks on a background with the CIELCh color 90, 5.751, 333.453.

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, 5.751, 333.453

Protanopia

90, 3.929, 311.610

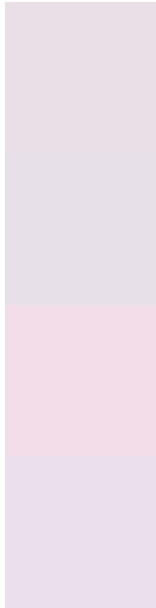
Deuteranopia

90, 11.843, 345.569



Tritanopia
90, 10.632, 318.448

Trichromacy



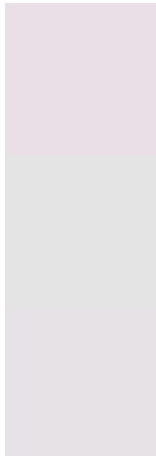
Original Color
90, 5.751, 333.453

Protanomaly
90, 4.878, 321.116

Deuteranomaly
90, 9.479, 343.054

Tritanomaly
90, 9.103, 321.035

Monochromacy



Original Color
90, 5.751, 333.453

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.132, 332.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.751, 333.453 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(234, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 231)  
}
```

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(234, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.751, 333.453 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(234, 223, 231) }
```

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

```
.border{ border-color:rgb(234, 223, 231) }
```

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

Here you see how a box with a 4 pixel rgb(234, 223, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.751, 333.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 231) }
```

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

```
.background{ background-color: rgb(234,  
223, 231) }
```

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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