

Converting Colors

CIELCh(90, 10.146, 323.580)

Have a look what the booklet for
CIELCh(90, 10.146, 323.580)
contains.

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Color

CIELCh(90, 9.915, 323.072)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEEE
RGB	237, 222, 238
RGB Percent	93%, 87%, 93%
CMY	0.0712, 0.1300, 0.0673
CMYK	0.00, 0.07, 0.00, 0.07
HSL	296°, 32%, 90%
HSV	296°, 7%, 93%
XYZ	76.3642, 76.3034, 91.4732
YIQ	228.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

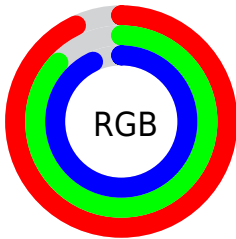
Format	Color
R _Y B	237, 222, 238
Decimal	15589102
CIE Lab	90.00, 7.93, -5.96
CIE LCh	90, 9.915, 323.072
Yxy	76.3034, 0.3128, 0.3125
Android (android.graphics.Color)	4293779182 (0xFFEDDEEE)
YUV	228.3090, 4.7777, 7.6220
Hunter-Lab	87.3518, 3.1817, -0.9412

Details

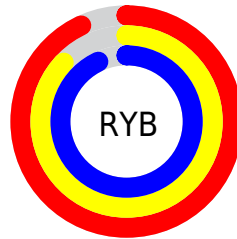
The CIELCh color **90, 9.915, 323.072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 9.884, 142.427**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 9.771, 323.030** is the 20% darker color. If you saturate the color by 10%, you get **84, 24.797, 323.600**, and if you desaturate by 10%, it is **96, 4.767, 142.652**.

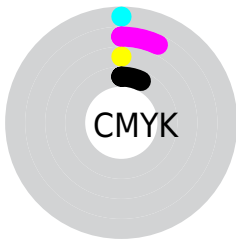
Distribution



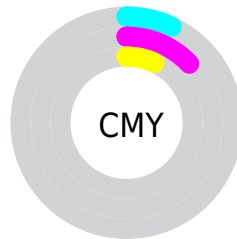
- Red (93%)
- Green (87%)
- Blue (93%)



- Red (93%)
- Yellow (87%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.915, 323.072 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, 9.915, 323.072 by changing the saturation by 10% instead.

90, 9.915, 323.072

90, 9.915, 323.072

100, 9.915,
323.072

80, 9.915, 323.072

70, 9.915, 323.072

60, 9.915, 323.072

50, 9.915, 323.072

40, 9.915, 323.072

30, 9.915, 323.072

20, 9.915, 323.072

10, 9.915, 323.072

0, 9.915, 323.072

90, 9.915, 323.072

90, 9.915, 323.072

84, 24.797,
323.600

96, 4.767, 142.652

78, 39.696,
324.109

99, 10.288,
140.978

73, 54.325,
324.592

99, 10.017,
138.478

68, 68.285,
325.032

99, 9.765, 135.834

64, 81.056,
325.406

99, 9.535, 133.048

60, 92.037,
325.690

99, 9.148, 127.063

57, 100.638,
325.858

99, 8.995, 123.881

55, 106.441,
325.896

99, 8.871, 120.590

■ 54, 109.408,
325.798

Harmonies

Complementary

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



90, 9.915, 323.072



93, 9.884, 142.427

Rectangle

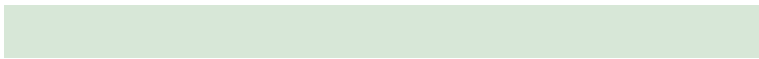
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 9.915, 323.072



90, 9.915, 13.072



90, 9.915, 143.072



90, 9.915, 193.072

Sweetspot

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



90, 9.912, 323.072



99, 3.114, 322.766



89, 7.784, 288.092



53, 1.770, 322.756



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, 9.912, 323.072



95, 12.488, 323.143



90, 7.445, 340.692



47, 8.444, 323.221



42, 90.615, 325.789



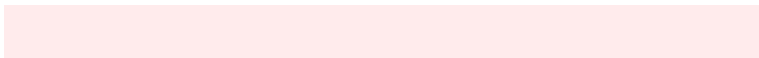
9, 39.532, 326.124

Inverse Universe

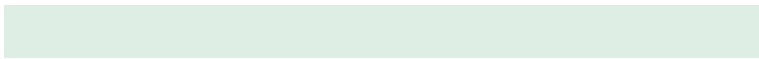
The Inverse Universe completely reimagines the original color for something new.



90, 5.825, 14.624



95, 7.367, 14.749



93, 7.387, 159.758



47, 5.002, 14.885



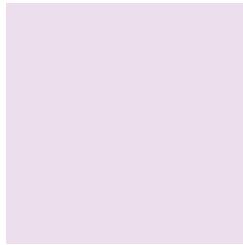
38, 79.089, 37.536



8, 29.516, 21.288

Previews

White Background



This preview shows how the CIELCh color 90, 9.915, 323.072 looks on a white background.

Color Contrast Check

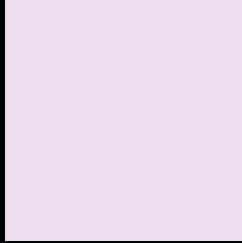
Large Text (above 18pt) WCAG AA × Fail

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, 9.915, 323.072 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

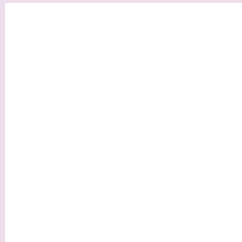
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.915, 323.072

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.915, 323.072.



This preview shows how white text looks on a background with the CIELCh color 90, 9.915, 323.072.

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](#).

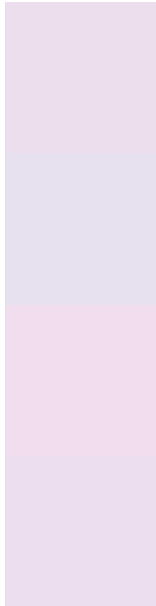
Dichromacy





Tritanopia
90, 10.354, 321.529

Trichromacy



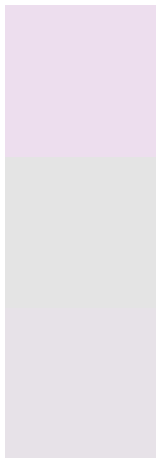
Original Color
90, 9.915, 323.072

Protanomaly
90, 8.214, 308.169

Deuteranomaly
90, 11.378, 329.311

Tritanomaly
90, 10.354, 321.529

Monochromacy



Original Color
90, 9.915, 323.072

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.612, 319.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.915, 323.072 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(237, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 238)  
}
```

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(237, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.915, 323.072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

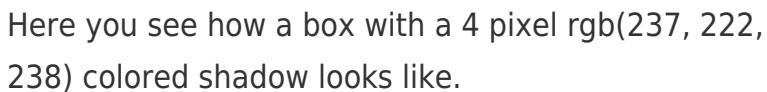
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 222, 238) }
```

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

```
.border{ border-color:rgb(237, 222, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 222, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 222, 238); box-shadow:4px 4px 4px 4px rgb(237, 222, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.915, 323.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 238) }
```

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

```
.background{ background-color: rgb(237,  
222, 238) }
```

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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