

Converting Colors

CIE LCh(90, 9.151, 324.746)

Have a look what the booklet for
CIELCh(90, 9.151, 324.746) contains.

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Color

CIELCh(90, 9.483, 324.759)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEED
RGB	237, 222, 237
RGB Percent	93%, 87%, 93%
CMY	0.0709, 0.1297, 0.0709
CMYK	0.00, 0.06, 0.00, 0.07
HSL	300°, 29%, 90%
HSV	300°, 6%, 93%
XYZ	76.2751, 76.3034, 90.7695
YIQ	228.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

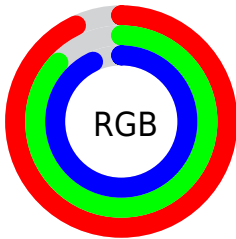
Format	Color
R _Y B	237, 222, 237
Decimal	15589101
CIE Lab	90.00, 7.75, -5.47
CIE LCh	90, 9.483, 324.759
Yxy	76.3034, 0.3134, 0.3136
Android (android.graphics.Color)	4293779181 (0xFFEDDEED)
YUV	228.1950, 4.3409, 7.7220
Hunter-Lab	87.3518, 2.9996, -0.4635

Details

The CIELCh color `90, 9.483, 324.759` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 9.460, 144.107`, 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, 9.316, 324.835` is the 20% darker color. If you saturate the color by 10%, you get `84, 24.581, 325.329`, and if you desaturate by 10%, it is `96, 5.434, 144.297`.

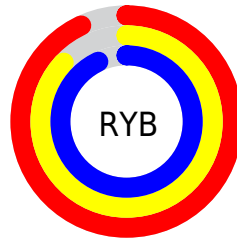
Distribution



Red (93%)

Green (87%)

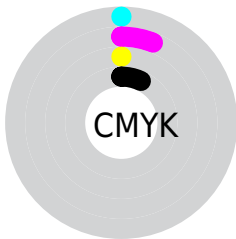
Blue (93%)



Red (93%)

Yellow (87%)

Blue (93%)

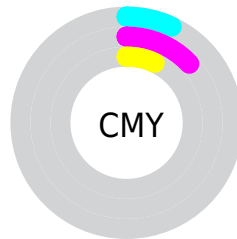


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.483, 324.759 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, 9.483, 324.759 by changing the saturation by 10% instead.

90, 9.483, 324.759

90, 9.483, 324.759

100, 9.483,
324.759

80, 9.483, 324.759

70, 9.483, 324.759

60, 9.483, 324.759

50, 9.483, 324.759

40, 9.483, 324.759

30, 9.483, 324.759

20, 9.483, 324.759

10, 9.483, 324.759

0, 9.483, 324.759

90, 9.483, 324.759

90, 9.483, 324.759

84, 24.581,
325.329

96, 5.434, 144.297

79, 39.654,
325.878

98, 11.254,
144.055

74, 54.391,
326.402

98, 11.254,
144.055

69, 68.367,
326.888

98, 11.254,
144.055

65, 81.051,
327.318

98, 11.254,
144.054

61, 91.855,
327.675

98, 11.254,
144.054

59, 100.233,
327.945

98, 11.254,
144.054

57, 105.836,
328.123

98, 11.254,
144.054

■ 56, 108.680,
328.212

■ 98, 11.254,
144.053

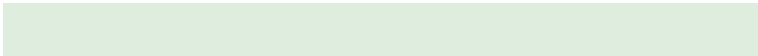
Harmonies

Complementary

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



90, 9.483, 324.759



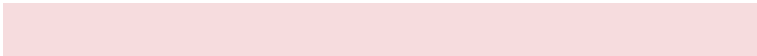
92, 9.460, 144.107

Rectangle

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



90, 9.483, 324.759



90, 9.483, 14.759



90, 9.483, 144.759



90, 9.483, 194.759

Sweetspot

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



90, 9.480, 324.759



99, 3.176, 324.455



89, 7.690, 290.166



53, 1.806, 324.444



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, 9.480, 324.759



95, 12.733, 324.859



90, 6.744, 343.214



46, 8.457, 324.942



43, 89.364, 328.232



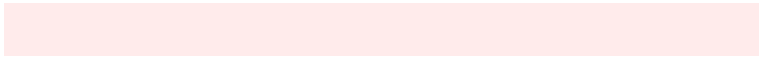
9, 38.267, 328.232

Inverse Universe

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



90, 5.440, 19.682



94, 7.349, 19.822



92, 6.683, 162.315



46, 4.905, 19.936



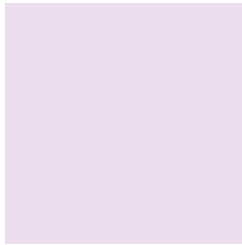
38, 80.847, 39.985



7, 28.535, 22.715

Previews

White Background



This preview shows how the CIELCh color 90, 9.483, 324.759 looks on a white background.

Color Contrast Check

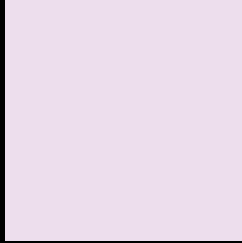
Large Text (above 18pt) WCAG AA × Fail

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, 9.483, 324.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

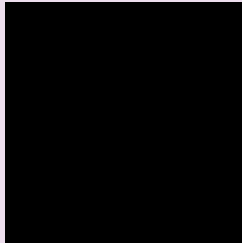
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

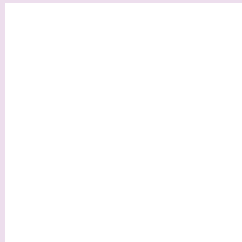
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.483, 324.759

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.483, 324.759.

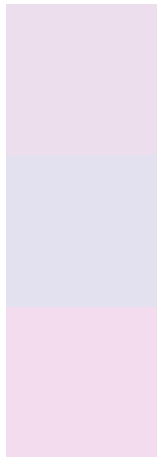


This preview shows how white text looks on a background with the CIELCh color 90, 9.483, 324.759.

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, 9.483, 324.759

Protanopia

90, 7.328, 296.237

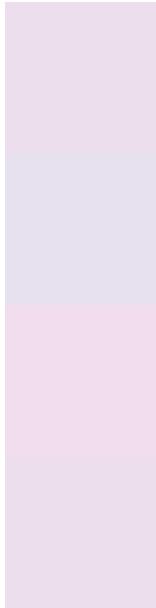
Deuteranopia

90, 12.084, 333.346



Tritanopia
90, 10.354, 321.529

Trichromacy



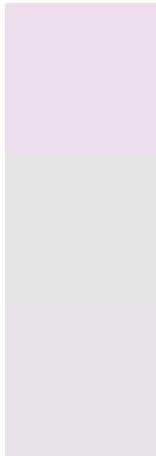
Original Color
90, 9.483, 324.759

Protanomaly
90, 7.721, 309.311

Deuteranomaly
90, 10.982, 331.014

Tritanomaly
90, 9.915, 323.072

Monochromacy



Original Color
90, 9.483, 324.759

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.172, 324.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.483, 324.759 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, 237)` looks like.

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

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, 237) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 90, 9.483, 324.759 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, 237) }
```

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

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

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, 237)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 90, 9.483, 324.759 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, 237) }
```

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

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

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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