

Converting Colors

CIELCh(90, 7.759, 323.336)

Have a look what the booklet for
CIELCh(90, 7.759, 323.336) contains.

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Color

CIELCh(90, 7.593, 324.684)

Conversions

Conversions Part 1

Format	Color
Hex	EBDFEB
RGB	235, 223, 235
RGB Percent	92%, 87%, 92%
CMY	0.0791, 0.1261, 0.0791
CMYK	0.00, 0.05, 0.00, 0.08
HSL	300°, 23%, 90%
HSV	300°, 5%, 92%
XYZ	75.5146, 76.3034, 89.2125
YIQ	227.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

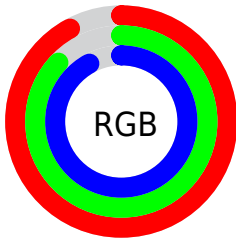
Format	Color
R _Y B	235, 223, 235
Decimal	15458283
CIE Lab	90.00, 6.20, -4.39
CIE LCh	90, 7.593, 324.684
Yxy	76.3034, 0.3133, 0.3166
Android (android.graphics.Color)	4293648363 (0xFFE8DFEB)
YUV	227.9560, 3.4727, 6.1776
Hunter-Lab	87.3518, 1.4455, 0.5933

Details

The CIELCh color `90, 7.593, 324.684` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 7.571, 144.188`, 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, 7.328, 324.742` is the 20% darker color. If you saturate the color by 10%, you get `84, 22.569, 325.260`, and if you desaturate by 10%, it is `96, 7.184, 144.217`.

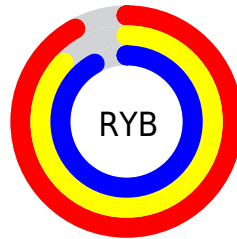
Distribution



Red (92%)

Green (87%)

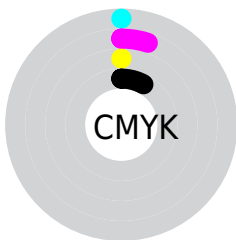
Blue (92%)



Red (92%)

Yellow (87%)

Blue (92%)

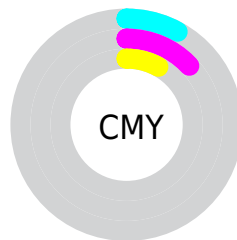


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.593, 324.684 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, 7.593, 324.684 by changing the saturation by 10% instead.

90, 7.593, 324.684

90, 7.593, 324.684

100, 7.593,
324.684

80, 7.593, 324.684

70, 7.593, 324.684

60, 7.593, 324.684

50, 7.593, 324.684

40, 7.593, 324.684

30, 7.593, 324.684

20, 7.593, 324.684

10, 7.593, 324.684

0, 7.593, 324.684

90, 7.593, 324.684

90, 7.593, 324.684

84, 22.569,
325.260

96, 7.184, 144.217

79, 37.552,
325.811

98, 12.569,
144.001

74, 52.245,
326.339

98, 12.569,
144.000

69, 66.241,
326.830

98, 12.569,
144.000

65, 79.025,
327.267

98, 12.569,
143.999

61, 90.017,
327.634

98, 12.569,
143.999

59, 98.662,
327.916

98, 12.569,
143.998

57, 104.580,
328.105

98, 12.569,
143.998

■ 56, 107.731,
328.205

■ 98, 12.568,
143.997

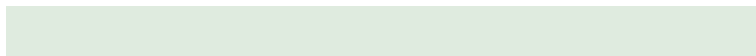
Harmonies

Complementary

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



90, 7.593, 324.684



92, 7.571, 144.188

Rectangle

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



90, 7.593, 324.684



90, 7.593, 14.684



90, 7.593, 144.684



90, 7.593, 194.684

Sweetspot

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



90, 7.590, 324.684



99, 3.176, 324.455



89, 6.148, 290.039



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, 7.590, 324.684



96, 9.538, 324.740



90, 5.396, 343.095



47, 5.910, 324.776



43, 89.364, 328.232



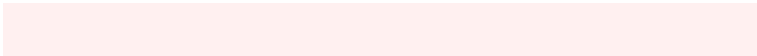
9, 38.267, 328.232

Inverse Universe

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



90, 4.338, 19.573



96, 5.468, 19.655



92, 5.351, 162.433



47, 3.395, 19.706



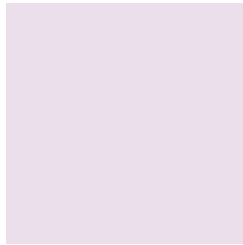
38, 80.846, 39.985



7, 28.535, 22.714

Previews

White Background



This preview shows how the CIELCh color 90, 7.593, 324.684 looks on a white background.

Color Contrast Check

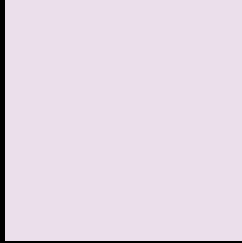
Large Text (above 18pt) WCAG AA × Fail

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, 7.593, 324.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

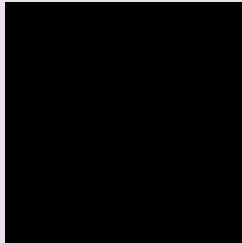
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

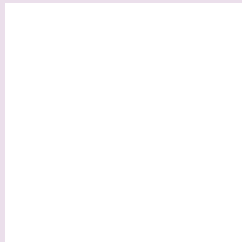
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.593, 324.684

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.593, 324.684.

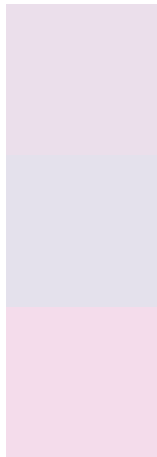


This preview shows how white text looks on a background with the CIELCh color 90, 7.593, 324.684.

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, 7.593, 324.684

Protanopia

90, 5.836, 301.048

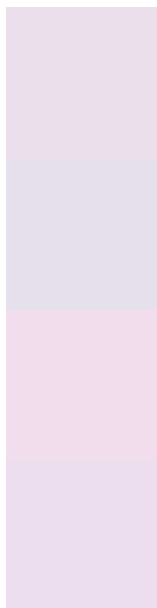
Deuteranopia

90, 11.619, 338.181



Tritanopia
90, 10.632, 318.448

Trichromacy



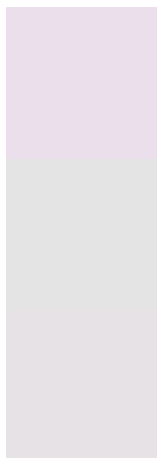
Original Color
90, 7.593, 324.684

Protanomaly
90, 6.622, 309.272

Deuteranomaly
90, 10.225, 334.817

Tritanomaly
90, 9.729, 321.297

Monochromacy



Original Color
90, 7.593, 324.684

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.541, 324.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.593, 324.684 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(235, 223, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 235)  
}
```

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(235, 223, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.593, 324.684 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(235, 223, 235) }
```

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

```
.border{ border-color:rgb(235, 223, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.593, 324.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 235) }
```

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

```
.background{ background-color: rgb(235,  
223, 235) }
```

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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