

Converting Colors

CIELCh(90, 2.848, 27.579)

Have a look what the booklet for
CIELCh(90, 2.848, 27.579) contains.

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Color

CIELCh(90, 2.924, 29.596)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1E0
RGB	233, 225, 224
RGB Percent	91%, 88%, 88%
CMY	0.0876, 0.1189, 0.1229
CMYK	0.00, 0.03, 0.04, 0.09
HSL	7°, 17%, 89%
HSV	7°, 4%, 91%
XYZ	73.7415, 76.3034, 81.1274
YIQ	227.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

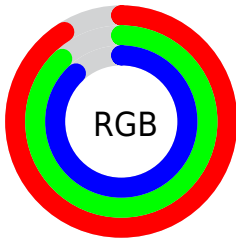
Format	Color
RYB	233, 225, 224
Decimal	15327712
CIELab	90.00, 2.54, 1.44
CIELCh	90, 2.924, 29.596
Yxy	76.3034, 0.3190, 0.3301
Android (android.graphics.Color)	4293517792 (0xFFE9E1E0)
YUV	227.2780, -1.6161, 5.0182
Hunter-Lab	87.3518, -2.1777, 6.0810

Details

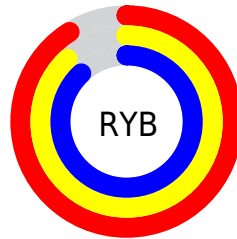
The CIELCh color **90, 2.924, 29.596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 2.853, 209.940**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 2.712, 31.049** is the 20% darker color. If you saturate the color by 10%, you get **84, 10.925, 30.062**, and if you desaturate by 10%, it is **96, 4.452, 209.845**.

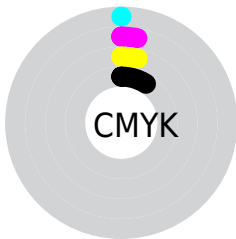
Distribution



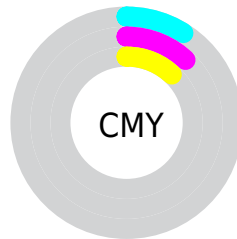
- Red (91%)
- Green (88%)
- Blue (88%)



- Red (91%)
- Yellow (88%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 2.924, 29.596 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, 2.924, 29.596 by changing the saturation by 10% instead.

90, 2.924, 29.596

90, 2.924, 29.596

100, 2.924, 29.596

80, 2.924, 29.596

70, 2.924, 29.596

60, 2.924, 29.596

50, 2.924, 29.596

40, 2.924, 29.596

30, 2.924, 29.596

20, 2.924, 29.596

10, 2.924, 29.596

0, 2.924, 29.596

90, 2.924, 29.596

90, 2.924, 29.596

84, 10.925, 30.062

96, 4.452, 209.845

79, 19.606, 30.507

98, 7.632, 199.009

73, 28.998, 31.141

68, 39.089, 32.031

63, 49.808, 33.244

59, 60.985, 34.830

55, 72.293, 36.773

52, 83.077, 38.873

50, 91.901, 40.500

Harmonies

Complementary

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



90, 2.924, 29.596



91, 2.853, 209.940

Rectangle

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



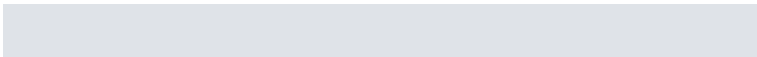
90, 2.924, 29.596



90, 2.924, 79.596



90, 2.924, 209.596



90, 2.924, 259.596

Sweetspot

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



90, 2.923, 29.641



99, 0.804, 28.971



90, 5.323, 327.436



53, 0.457, 28.927



0, 0.000, 0.000



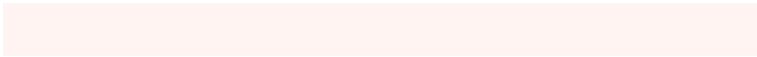
53, 0.007, 296.813

Same Dimension

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



90, 2.923, 29.641



97, 4.090, 29.715



91, 3.059, 84.827



47, 2.613, 29.748



38, 79.097, 41.397



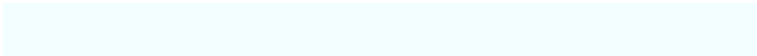
8, 26.340, 28.896

Inverse Universe

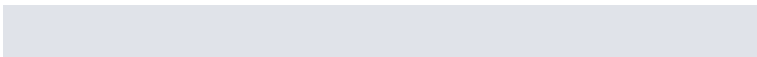
The Inverse Universe completely reimagines the original color for something new.



91, 2.853, 209.940



99, 3.962, 209.876



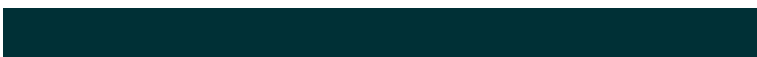
90, 3.064, 266.020



49, 2.520, 209.849



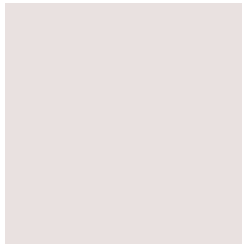
61, 34.240, 216.508



17, 14.836, 213.214

Previews

White Background



This preview shows how the CIELCh color 90, 2.924, 29.596 looks on a white background.

Color Contrast Check

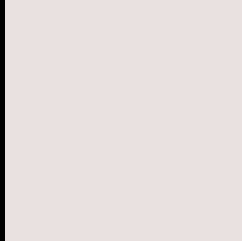
Large Text (above 18pt) WCAG AA × Fail

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, 2.924, 29.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

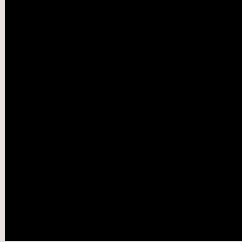
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

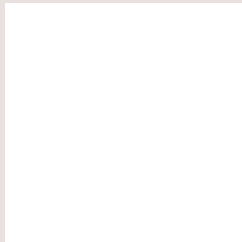
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 2.924, 29.596

Background



This preview shows how black text looks on a background with the CIELCh color 90, 2.924, 29.596.



This preview shows how white text looks on a background with the CIELCh color 90, 2.924, 29.596.

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](#).

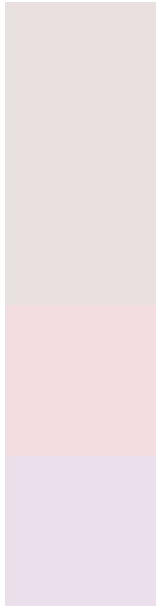
Dichromacy





Tritanopia
90, 10.472, 316.729

Trichromacy



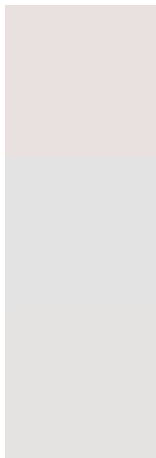
Original Color
90, 2.924, 29.596

Protanomaly
90, 2.567, 30.980

Deuteranomaly
90, 8.253, 5.418

Tritanomaly
90, 6.965, 324.659

Monochromacy



Original Color
90, 2.924, 29.596

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.075, 18.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 2.924, 29.596 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(233, 225, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 224)  
}
```

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(233, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 2.924, 29.596 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(233, 225, 224) }
```

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

```
.border{ border-color:rgb(233, 225, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 2.924, 29.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 224) }
```

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

```
.background{ background-color: rgb(233,  
225, 224) }
```

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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