

Converting Colors

CIELCh(90, 5.929, 304.403)

Have a look what the booklet for
CIELCh(90, 5.929, 304.403) contains.

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Color

CIELCh(90, 5.914, 304.400)

Conversions

Conversions Part 1

Format	Color
Hex	E5E1EC
RGB	229, 225, 236
RGB Percent	90%, 88%, 93%
CMY	0.1033, 0.1190, 0.0759
CMYK	0.03, 0.05, 0.00, 0.08
HSL	262°, 22%, 90%
HSV	262°, 5%, 92%
XYZ	74.1268, 76.3034, 89.9156
YIQ	227.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

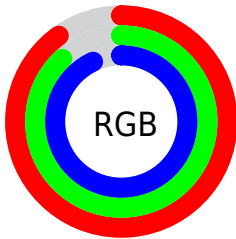
Format	Color
R _Y B	229, 225, 236
Decimal	15065580
CIE Lab	90.00, 3.34, -4.88
CIE LCh	90, 5.914, 304.400
Yxy	76.3034, 0.3084, 0.3175
Android (android.graphics.Color)	4293255660 (0xFFE5E1EC)
YUV	227.4500, 4.2152, 1.3594
Hunter-Lab	87.3518, -1.3904, 0.1161

Details

The CIELCh color `90, 5.914, 304.400` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 5.846, 123.937`, 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, 5.697, 305.759` is the 20% darker color. If you saturate the color by 10%, you get `83, 18.882, 304.973`, and if you desaturate by 10%, it is `97, 6.621, 123.914`.

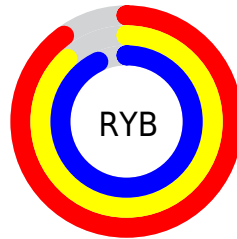
Distribution



Red (90%)

Green (88%)

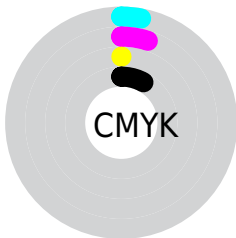
Blue (93%)



Red (90%)

Yellow (88%)

Blue (93%)

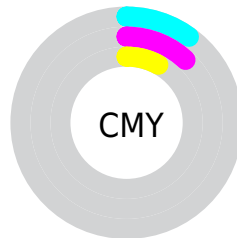


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.914, 304.400 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, 5.914, 304.400 by changing the saturation by 10% instead.

■ 90, 5.914, 304.400

■ 90, 5.914, 304.400

■ 100, 5.914,
304.400

■ 80, 5.914, 304.400

■ 70, 5.914, 304.400

■ 60, 5.914, 304.400

■ 50, 5.914, 304.400

■ 40, 5.914, 304.400

■ 30, 5.914, 304.400

■ 20, 5.914, 304.400

■ 10, 5.914, 304.400

■ 0, 5.914, 304.400

90, 5.914, 304.400

90, 5.914, 304.400

83, 18.882,
304.973

97, 6.621, 123.914

76, 32.285,
305.616

100, 9.792,
109.436

69, 46.079,
306.323

62, 60.161,
307.080

55, 74.313,
307.854

49, 88.112,
308.584

44, 100.830,
309.169

39, 111.383,
309.465

■ 35,118.559,
309.311

Harmonies

Complementary

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



90, 5.914, 304.400



93, 5.846, 123.937

Rectangle

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



90, 5.914, 304.400



90, 5.914, 354.400



90, 5.914, 124.400



90, 5.914, 174.400

Sweetspot

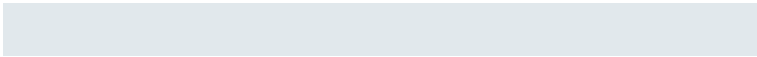
The Sweet Spot groups the original color and five complimentary colors.



90, 5.912, 304.392



99, 1.352, 304.151



92, 3.176, 238.357



53, 0.769, 304.145



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, 5.912, 304.392



96, 8.121, 304.469



90, 6.638, 320.462



47, 5.035, 304.503



25, 99.241, 309.261



4, 36.967, 307.126

Inverse Universe

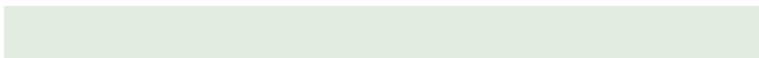
The Inverse Universe completely reimagines the original color for something new.



90, 5.377, 337.230



96, 7.381, 337.347



92, 6.608, 140.102



47, 4.575, 337.397



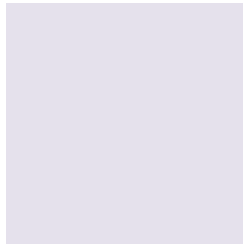
40, 68.804, 349.780



8, 30.377, 345.618

Previews

White Background



This preview shows how the CIELCh color 90, 5.914, 304.400 looks on a white background.

Color Contrast Check

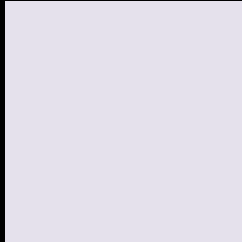
Large Text (above 18pt) WCAG AA × Fail

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, 5.914, 304.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

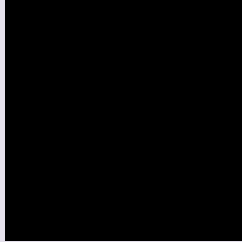
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

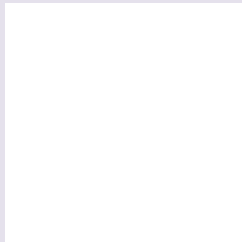
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.914, 304.400

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.914, 304.400.

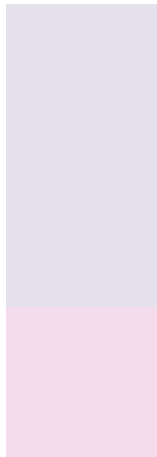


This preview shows how white text looks on a background with the CIELCh color 90, 5.914, 304.400.

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, 5.914, 304.400

Protanopia

90, 5.836, 301.048

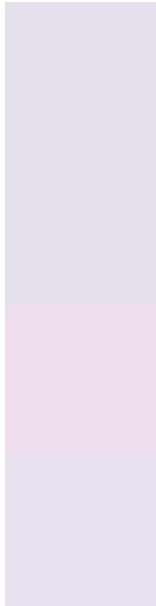
Deuteranopia

90, 12.329, 334.592



Tritanopia
90, 9.120, 304.147

Trichromacy



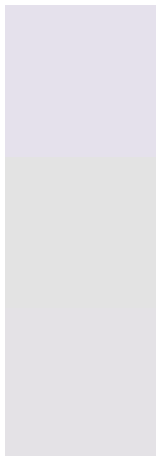
Original Color
90, 5.914, 304.400

Protanomaly
90, 5.836, 301.048

Deuteranomaly
90, 9.688, 326.514

Tritanomaly
90, 8.113, 305.803

Monochromacy



Original Color
90, 5.914, 304.400

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.214, 309.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.914, 304.400 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(229, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 236)  
}
```

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(229, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.914, 304.400 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(229, 225, 236) }
```

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

```
.border{ border-color:rgb(229, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.914, 304.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 236) }
```

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

```
.background{ background-color: rgb(229,  
225, 236) }
```

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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