

Converting Colors

CIELCh(90, 8.377, 305.339)

Have a look what the booklet for
CIELCh(90, 8.377, 305.339) contains.

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Color

CIELCh(90, 8.113, 305.803)

Conversions

Conversions Part 1

Format	Color
Hex	E6E0EF
RGB	230, 224, 239
RGB Percent	90%, 88%, 94%
CMY	0.0984, 0.1219, 0.0631
CMYK	0.04, 0.06, 0.00, 0.06
HSL	264°, 32%, 91%
HSV	264°, 6%, 94%
XYZ	74.8077, 76.3034, 92.3819
YIQ	227.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

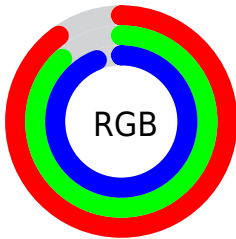
Format	Color
R_{YB}	230, 224, 239
Decimal	15130863
CIE Lab	90.00, 4.75, -6.58
CIE LCh	90, 8.113, 305.803
Yxy	76.3034, 0.3072, 0.3134
Android (android.graphics.Color)	4293320943 (0xFFE6E0EF)
YUV	227.5040, 5.6675, 2.1890
Hunter-Lab	87.3518, 0.0010, -1.5580

Details

The CIELCh color `90, 8.113, 305.803` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 8.012, 125.201`, 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, 8.016, 306.888` is the 20% darker color. If you saturate the color by 10%, you get `83, 21.366, 306.355`, and if you desaturate by 10%, it is `97, 4.714, 125.342`.

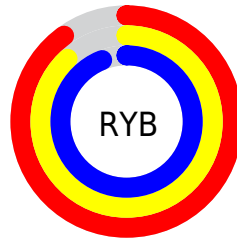
Distribution



Red (90%)

Green (88%)

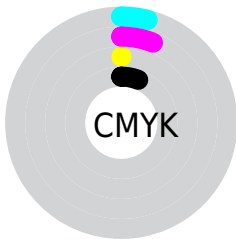
Blue (94%)



Red (90%)

Yellow (88%)

Blue (94%)

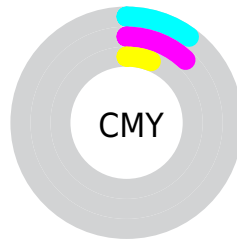


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.113, 305.803 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, 8.113, 305.803 by changing the saturation by 10% instead.

90, 8.113, 305.803

90, 8.113, 305.803

100, 8.113,
305.803

80, 8.113, 305.803

70, 8.113, 305.803

60, 8.113, 305.803

50, 8.113, 305.803

40, 8.113, 305.803

30, 8.113, 305.803

20, 8.113, 305.803

10, 8.113, 305.803

0, 8.113, 305.803

90, 8.113, 305.803

90, 8.113, 305.803

83, 21.366,
306.355

97, 4.714, 125.342

76, 35.035,
306.966

100, 8.141,
109.559

69, 49.057,
307.629

62, 63.298,
308.324

56, 77.490,
309.014

49, 91.149,
309.633

44, 103.484,
310.076

40, 113.396,
310.204

■ 36,119.794,
309.875

Harmonies

Complementary

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



90, 8.113, 305.803



94, 8.012, 125.201

Rectangle

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



90, 8.113, 305.803



90, 8.113, 355.803



90, 8.113, 125.803



90, 8.113, 175.803

Sweetspot

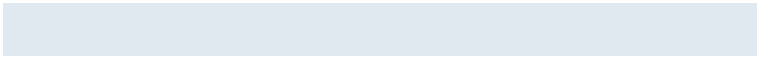
The Sweet Spot groups the original color and five complimentary colors.



90, 8.111, 305.798



99, 2.713, 305.557



92, 4.345, 242.638



53, 1.543, 305.550



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, 8.111, 305.798



94, 10.928, 305.892



91, 9.131, 321.514



46, 7.398, 305.971



26, 99.570, 309.869



4, 39.215, 308.929

Inverse Universe

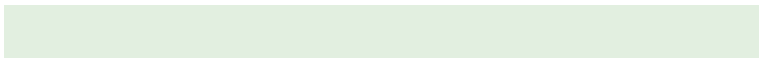
The Inverse Universe completely reimagines the original color for something new.



91, 7.138, 339.038



95, 9.608, 339.187



93, 9.097, 140.959



47, 6.499, 339.308



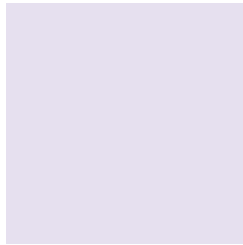
40, 68.292, 352.868



9, 30.661, 348.269

Previews

White Background



This preview shows how the CIELCh color 90, 8.113, 305.803 looks on a white background.

Color Contrast Check

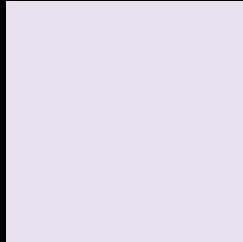
Large Text (above 18pt) WCAG AA × Fail

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, 8.113, 305.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

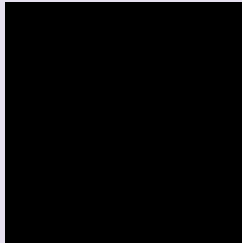
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

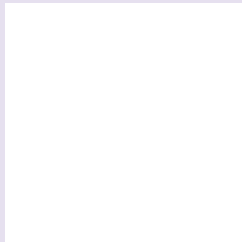
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.113, 305.803

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.113, 305.803.



This preview shows how white text looks on a background with the CIELCh color 90, 8.113, 305.803.

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, 8.113, 305.803

Protanopia

90, 7.818, 293.367

Deuteranopia

90, 13.040, 327.498



Tritanopia
90, 9.120, 304.147

Trichromacy



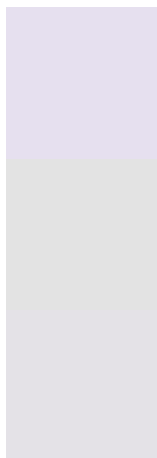
Original Color
90, 8.113, 305.803

Protanomaly
90, 7.846, 295.907

Deuteranomaly
90, 11.613, 321.927

Tritanomaly
90, 8.616, 304.924

Monochromacy



Original Color
90, 8.113, 305.803

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.710, 305.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.113, 305.803 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(230, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 239)  
}
```

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(230, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.113, 305.803 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(230, 224, 239) }
```

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

```
.border{ border-color:rgb(230, 224, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.113, 305.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 239) }
```

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

```
.background{ background-color: rgb(230,  
224, 239) }
```

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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