

Converting Colors

CIE LCh(90, 6.205, 297.448)

Have a look what the booklet for
CIELCh(90, 6.205, 297.448) contains.

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Color

CIELCh(90, 6.295, 297.079)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1ED
RGB	227, 225, 237
RGB Percent	89%, 88%, 93%
CMY	0.1098, 0.1176, 0.0705
CMYK	0.04, 0.05, 0.00, 0.07
HSL	250°, 25%, 91%
HSV	250°, 5%, 93%
XYZ	73.8972, 76.3034, 90.9622
YIQ	226.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

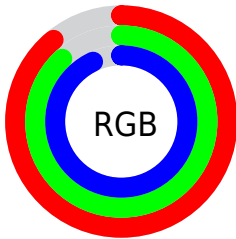
Format	Color
R_{YB}	227, 225, 237
Decimal	14934509
CIE Lab	90.00, 2.87, -5.60
CIE LCh	90, 6.295, 297.079
Yxy	76.3034, 0.3064, 0.3164
Android (android.graphics.Color)	4293124589 (0xFFE3E1ED)
YUV	226.9660, 4.9468, 0.0298
Hunter-Lab	87.3518, -1.8595, -0.5943

Details

The CIELCh color `90, 6.295, 297.079` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 6.208, 116.332`, 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, 6.086, 297.723` is the 20% darker color. If you saturate the color by 10%, you get `83, 19.075, 297.898`, and if you desaturate by 10%, it is `97, 6.001, 116.357`.

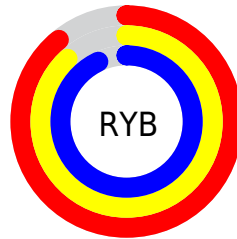
Distribution



Red (89%)

Green (88%)

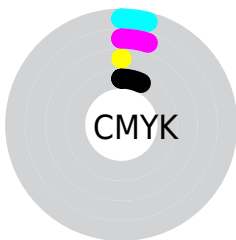
Blue (93%)



Red (89%)

Yellow (88%)

Blue (93%)

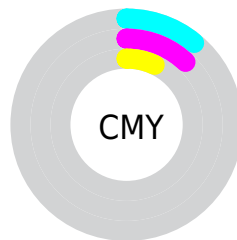


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.295, 297.079 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, 6.295, 297.079 by changing the saturation by 10% instead.



90, 6.295, 297.079

90, 6.295, 297.079

83, 19.075,
297.898

97, 6.001, 116.357

75, 32.369,
298.857

100, 9.106,
109.487

68, 46.185,
299.958

60, 60.483,
301.201

53, 75.124,
302.562

46, 89.741,
303.975

40, 103.554,
305.305

35, 115.188,
306.335

■ 32,122.902,
306.819

Harmonies

Complementary

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



90, 6.295, 297.079



93, 6.208, 116.332

Rectangle

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



90, 6.295, 297.079



90, 6.295, 347.079



90, 6.295, 117.079



90, 6.295, 167.079

Sweetspot

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



90, 6.293, 297.070



98, 2.630, 296.841



92, 3.670, 214.031



52, 1.495, 296.834



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, 6.293, 297.070



95, 7.928, 297.144



90, 6.849, 314.311



46, 4.916, 297.191



22, 102.302, 307.007



3, 36.139, 301.661

Inverse Universe

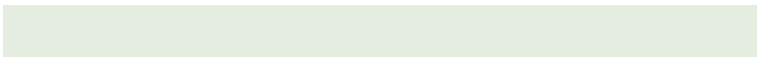
The Inverse Universe completely reimagines the original color for something new.



91, 6.753, 329.638



96, 8.499, 329.705



93, 6.800, 133.948



47, 5.267, 329.745



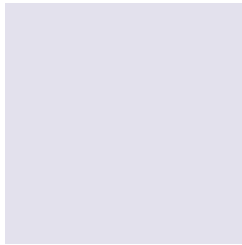
41, 78.497, 336.166



9, 34.246, 334.822

Previews

White Background



This preview shows how the CIELCh color 90, 6.295, 297.079 looks on a white background.

Color Contrast Check

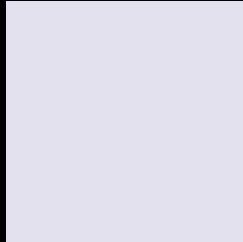
Large Text (above 18pt) WCAG AA × Fail

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, 6.295, 297.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

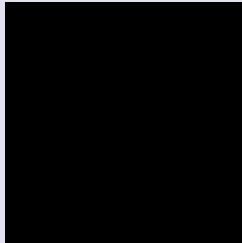
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

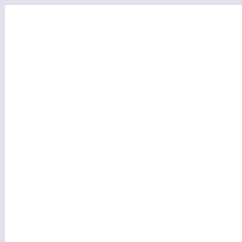
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.295, 297.079

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.295, 297.079.



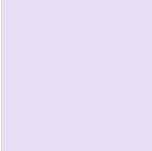
This preview shows how white text looks on a background with the CIELCh color 90, 6.295, 297.079.

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](#).

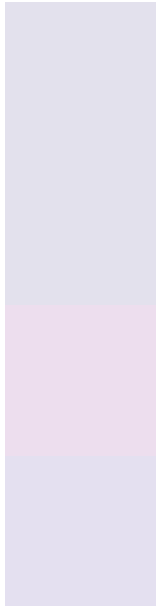
Dichromacy





Tritanopia
90, 9.492, 299.350

Trichromacy



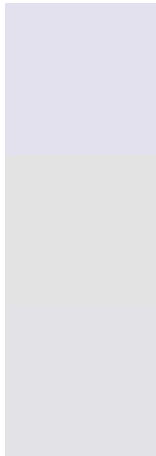
Original Color
90, 6.295, 297.079

Protanomaly
90, 6.295, 297.079

Deuteranomaly
90, 9.915, 323.072

Tritanomaly
90, 8.465, 300.333

Monochromacy



Original Color
90, 6.295, 297.079

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.635, 298.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.295, 297.079 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(227, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 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(227, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.295, 297.079 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(227, 225, 237) }
```

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

```
.border{ border-color:rgb(227, 225, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.295, 297.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 237) }
```

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

```
.background{ background-color: rgb(227,  
225, 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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