

Converting Colors

CIE LCh(90, 3.620, 277.278)

Have a look what the booklet for
CIELCh(90, 3.620, 277.278) contains.

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Color

CIELCh(90, 3.701, 279.538)

Conversions

Conversions Part 1

Format	Color
Hex	E0E2E9
RGB	224, 226, 233
RGB Percent	88%, 89%, 91%
CMY	0.1206, 0.1128, 0.0853
CMYK	0.04, 0.03, 0.00, 0.09
HSL	227°, 17%, 90%
HSV	227°, 4%, 91%
XYZ	72.8165, 76.3034, 88.1591
YIQ	226.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

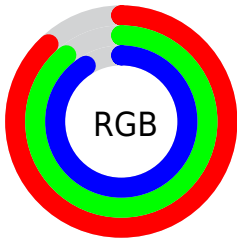
Format	Color
R _Y B	224, 226, 233
Decimal	14738153
CIE Lab	90.00, 0.61, -3.65
CIE LCh	90, 3.701, 279.538
Yxy	76.3034, 0.3069, 0.3216
Android (android.graphics.Color)	4292928233 (0xFFE0E2E9)
YUV	226.2000, 3.3524, -1.9294
Hunter-Lab	87.3518, -4.0680, 1.3083

Details

The CIELCh color `90, 3.701, 279.538` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 3.668, 98.516`, 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, 3.361, 277.814` is the 20% darker color. If you saturate the color by 10%, you get `84, 13.439, 280.779`, and if you desaturate by 10%, it is `96, 5.782, 98.308`.

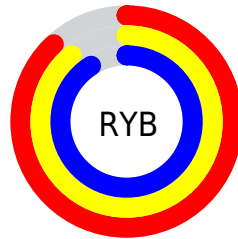
Distribution



Red (88%)

Green (89%)

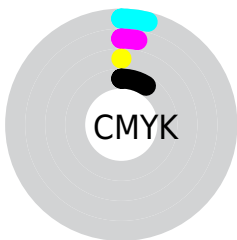
Blue (91%)



Red (88%)

Yellow (89%)

Blue (91%)

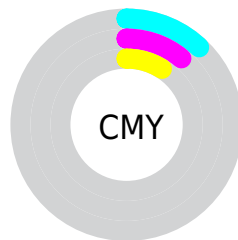


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 3.701, 279.538 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, 3.701, 279.538 by changing the saturation by 10% instead.

■ 90, 3.701, 279.538

■ 90, 3.701, 279.538

■ 100, 3.701,
279.538

■ 80, 3.701, 279.538

■ 70, 3.701, 279.538

■ 60, 3.701, 279.538

■ 50, 3.701, 279.538

■ 40, 3.701, 279.538

■ 30, 3.701, 279.538

■ 20, 3.701, 279.538

■ 10, 3.701, 279.538

■ 0, 3.701, 279.538

90, 3.701, 279.538

90, 3.701, 279.538

84, 13.439,
280.779

96, 5.782, 98.308

77, 23.455,
282.295

99, 11.015,
109.344

71, 33.771,
284.075

65, 44.418,
286.153

59, 55.429,
288.558

53, 66.821,
291.287

47, 78.543,
294.285

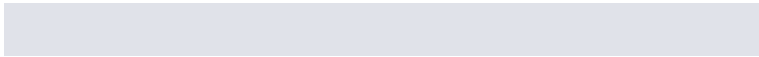
42, 90.362,
297.411

■ 37,101.712,
300.431

Harmonies

Complementary

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



90, 3.701, 279.538



92, 3.668, 98.516

Rectangle

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



90, 3.701, 279.538



90, 3.701, 329.538



90, 3.701, 99.538



90, 3.701, 149.538

Sweetspot

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



90, 3.699, 279.513



99, 1.035, 279.322



92, 3.371, 180.561



53, 0.589, 279.326



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, 3.699, 279.513



97, 5.157, 279.642



90, 4.777, 300.769



47, 3.288, 279.719



26, 88.100, 301.619



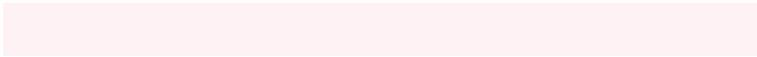
5, 30.231, 293.020

Inverse Universe

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



90, 3.409, 1.729



97, 4.761, 1.878



92, 4.722, 120.321



47, 3.038, 1.956



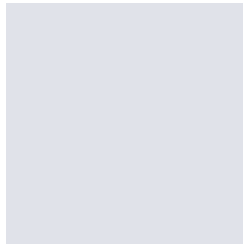
38, 70.773, 27.616



7, 27.869, 13.418

Previews

White Background



This preview shows how the CIELCh color 90, 3.701, 279.538 looks on a white background.

Color Contrast Check

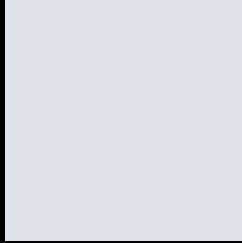
Large Text (above 18pt) WCAG AA × Fail

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, 3.701, 279.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

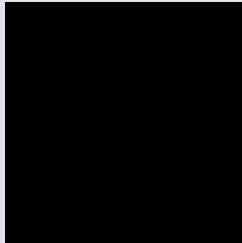
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

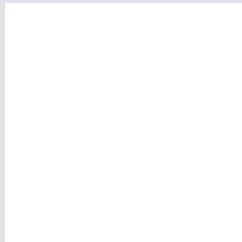
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 3.701, 279.538

Background



This preview shows how black text looks on a background with the CIELCh color 90, 3.701, 279.538.



This preview shows how white text looks on a background with the CIELCh color 90, 3.701, 279.538.

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](#).

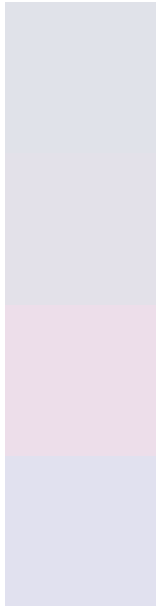
Dichromacy





Tritanopia
90, 9.375, 293.054

Trichromacy



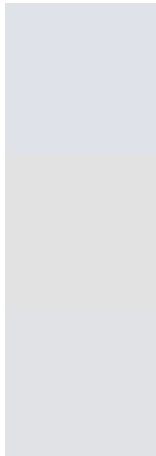
Original Color
90, 3.701, 279.538

Protanomaly
90, 4.236, 300.116

Deuteranomaly
90, 8.251, 330.879

Tritanomaly
90, 7.285, 290.777

Monochromacy



Original Color
90, 3.701, 279.538

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.602, 277.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 3.701, 279.538 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(224, 226, 233)` looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 233)  
}
```

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(224, 226, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 3.701, 279.538 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(224, 226, 233) }
```

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

```
.border{ border-color:rgb(224, 226, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 233);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 3.701, 279.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 233) }
```

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

```
.background{ background-color: rgb(224,  
226, 233) }
```

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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