

Converting Colors

CIELCh(90, 11.029, 321.619)

Have a look what the booklet for
CIELCh(90, 11.029, 321.619)
contains.

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Color

CIELCh(90, 11.434, 320.397)

Conversions

Conversions Part 1

Format	Color
Hex	EDDDF0
RGB	237, 221, 240
RGB Percent	93%, 87%, 94%
CMY	0.0690, 0.1318, 0.0573
CMYK	0.01, 0.08, 0.00, 0.06
HSL	291°, 39%, 91%
HSV	291°, 8%, 94%
XYZ	76.8006, 76.3034, 93.4234
YIQ	227.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

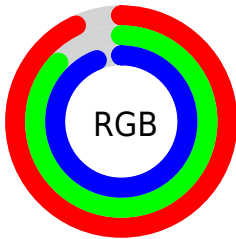
Format	Color
R _Y B	237, 221, 240
Decimal	15588848
CIE Lab	90.00, 8.81, -7.29
CIE LCh	90, 11.434, 320.397
Yxy	76.3034, 0.3115, 0.3095
Android (android.graphics.Color)	4293778928 (0xFFE9DDF0)
YUV	227.9500, 5.9407, 7.9369
Hunter-Lab	87.3518, 4.0734, -2.2649

Details

The CIELCh color `90, 11.434, 320.397` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 11.382, 139.697`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 11.373, 320.220` is the 20% darker color. If you saturate the color by 10%, you get `84, 26.082, 320.874`, and if you desaturate by 10%, it is `96, 2.986, 140.046`.

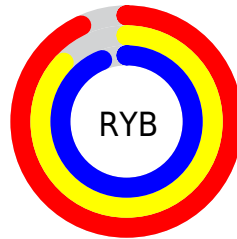
Distribution



Red (93%)

Green (87%)

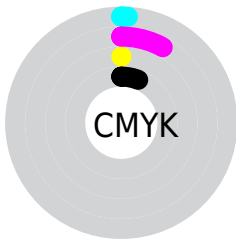
Blue (94%)



Red (93%)

Yellow (87%)

Blue (94%)

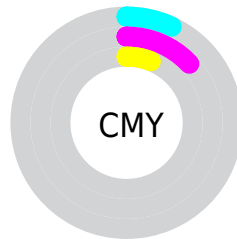


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (13%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.434, 320.397 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, 11.434, 320.397 by changing the saturation by 10% instead.


 90, 11.434,
320.397


 90, 11.434,
320.397


 100, 11.434,
320.397


 80, 11.434,
320.397


 70, 11.434,
320.397

 60, 11.434,
320.397

 50, 11.434,
320.397

 40, 11.434,
320.397

 30, 11.434,
320.397

 20, 11.434,

320.397

■ 10, 11.434,
320.397

■ 0, 11.434, 320.397

■ 90, 11.434,
320.397

■ 90, 11.434,
320.397

■ 84, 26.082,
320.874

■ 96, 2.986, 140.046

■ 78, 40.802,
321.337

■ 99, 8.250, 135.063

■ 99, 7.747, 126.179

■ 72, 55.340,
321.776

■ 99, 7.455, 116.266

■ 67, 69.322,
322.167

■ 100, 7.394,
109.614

■ 62, 82.243,
322.477

■ 58, 93.480,
322.672

■ 55, 102.378,
322.710

■ 52, 108.422,
322.557

■ 51, 111.543,
322.200

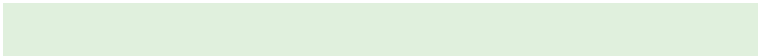
Harmonies

Complementary

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



90, 11.434, 320.397



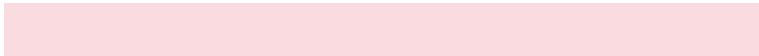
93, 11.382, 139.697

Rectangle

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



90, 11.434, 320.397



90, 11.434, 10.397



90, 11.434, 140.397



90, 11.434, 190.397

Sweetspot

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



90, 11.431, 320.396



99, 3.024, 320.060



90, 8.296, 283.269



53, 1.720, 320.051



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, 11.431, 320.396



94, 13.666, 320.451



90, 9.487, 336.182



47, 8.209, 320.473



39, 91.491, 322.211



8, 39.834, 323.014

Inverse Universe

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



90, 7.067, 7.143



94, 8.469, 7.262



93, 9.434, 155.137



47, 5.092, 7.310



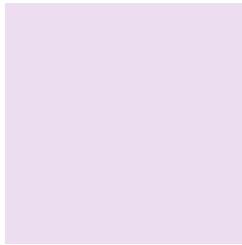
38, 74.647, 32.407



8, 29.132, 17.356

Previews

White Background



This preview shows how the CIELCh color 90, 11.434, 320.397 looks on a white background.

Color Contrast Check

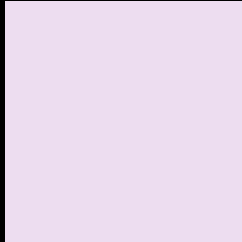
Large Text (above 18pt) WCAG AA × Fail

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, 11.434, 320.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

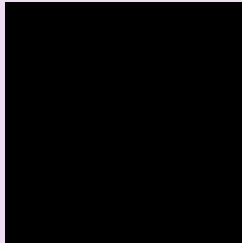
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

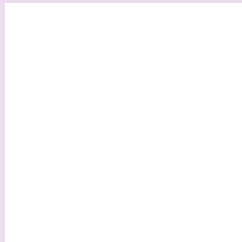
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.434, 320.397

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.434, 320.397.



This preview shows how white text looks on a background with the CIELCh color 90, 11.434, 320.397.

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, 11.434, 320.397

Protanopia

90, 9.375, 293.054

Deuteranopia

90, 13.455, 326.169



Tritanopia
90, 10.354, 321.529

Trichromacy



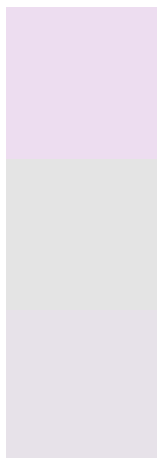
Original Color
90, 11.434, 320.397

Protanomaly
90, 9.626, 303.456

Deuteranomaly
90, 12.425, 323.506

Tritanomaly
90, 10.801, 320.117

Monochromacy



Original Color
90, 11.434, 320.397

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.071, 316.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.434, 320.397 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(237, 221, 240)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 240)  
}
```

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(237, 221, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.434, 320.397 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(237, 221, 240) }
```

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

```
.border{ border-color:rgb(237, 221, 240) }
```

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

Here you see how a box with a 4 pixel rgb(237, 221, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 240);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.434, 320.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 240) }
```

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

```
.background{ background-color: rgb(237,  
221, 240) }
```

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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