

Converting Colors

CIELCh(90, 11.446, 330.573)

Have a look what the booklet for
CIELCh(90, 11.446, 330.573)
contains.

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Color

CIELCh(90, 11.613, 330.708)

Conversions

Conversions Part 1

Format	Color
Hex	F1DCED
RGB	241, 220, 237
RGB Percent	95%, 86%, 93%
CMY	0.0533, 0.1357, 0.0690
CMYK	0.00, 0.09, 0.02, 0.05
HSL	311°, 44%, 91%
HSV	311°, 9%, 95%
XYZ	77.4547, 76.3034, 91.0735
YIQ	228.2170, 7.0590, 9.7390

Conversions

Conversions Part 2

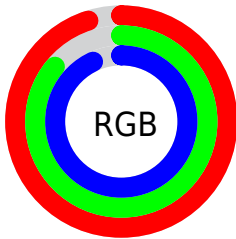
Format	Color
R _Y B	241, 220, 237
Decimal	15850733
CIE Lab	90.00, 10.13, -5.68
CIE LCh	90, 11.613, 330.708
Yxy	76.3034, 0.3164, 0.3117
Android (android.graphics.Color)	4294040813 (0xFFFF1DCED)
YUV	228.2170, 4.3300, 11.2107
Hunter-Lab	87.3518, 5.4101, -0.6699

Details

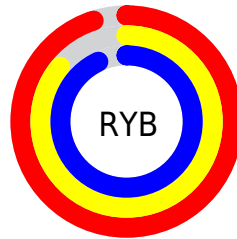
The CIELCh color `90, 11.613, 330.708` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 11.575, 149.667`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 11.558, 331.170` is the 20% darker color. If you saturate the color by 10%, you get `84, 25.084, 331.366`, and if you desaturate by 10%, it is `96, 1.707, 150.330`.

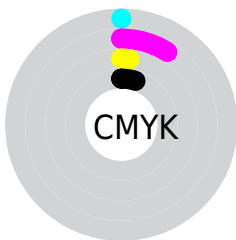
Distribution



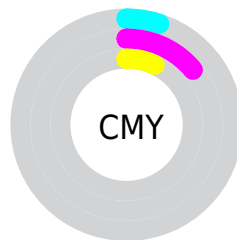
- Red (95%)
- Green (86%)
- Blue (93%)



- Red (95%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.613, 330.708 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, 11.613, 330.708 by changing the saturation by 10% instead.


 90, 11.613,
330.708


 90, 11.613,
330.708


 100, 11.613,
330.708


 80, 11.613,
330.708


 70, 11.613,
330.708

 60, 11.613,
330.708

 50, 11.613,
330.708

 40, 11.613,
330.708

 30, 11.613,
330.708

 20, 11.613,

330.708

■ 10, 11.613,
330.708

■ 0, 11.613, 330.708

■ 90, 11.613,
330.708

■ 90, 11.613,
330.708

■ 84, 25.084,
331.366

■ 96, 1.707, 150.330

■ 78, 38.512,
332.033

■ 99, 6.428, 157.486

■ 99, 5.121, 177.026

■ 73, 51.591,
332.718

■ 99, 4.685, 199.250

■ 68, 63.898,
333.421

■ 64, 74.892,
334.148

■ 60, 83.962,
334.909

■ 58, 90.540,
335.723

■ 56, 94.273,
336.623

■ 55, 95.328,
337.641

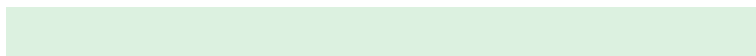
Harmonies

Complementary

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



90, 11.613, 330.708



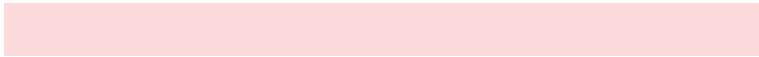
93, 11.575, 149.667

Rectangle

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



90, 11.613, 330.708



90, 11.613, 20.708



90, 11.613, 150.708



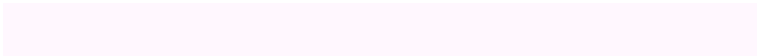
90, 11.613, 200.708

Sweetspot

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



90, 11.610, 330.709



98, 4.171, 330.298



89, 11.065, 297.991



52, 3.163, 330.366



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

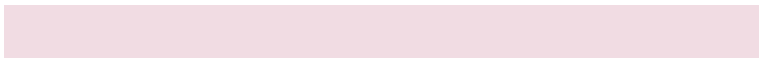
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 11.610, 330.709



94, 13.963, 330.797



90, 8.351, 355.577



47, 7.543, 330.760



42, 77.875, 337.581



9, 34.682, 336.044

Inverse Universe

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



90, 11.610, 330.709



94, 13.963, 330.797



94, 8.153, 174.077



47, 7.543, 330.760



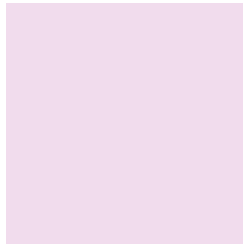
42, 77.875, 337.581



9, 34.682, 336.044

Previews

White Background



This preview shows how the CIELCh color 90, 11.613, 330.708 looks on a white background.

Color Contrast Check

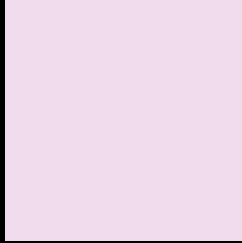
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 11.613, 330.708 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

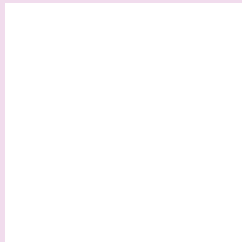
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.613, 330.708

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.613, 330.708.



This preview shows how white text looks on a background with the CIELCh color 90, 11.613, 330.708.

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, 11.613, 330.708

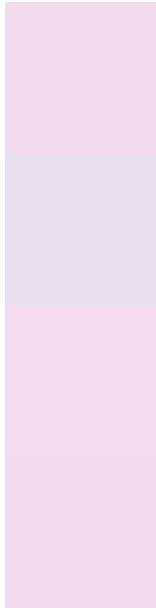
Protanopia
90, 7.818, 293.367

Deuteranopia
90, 12.465, 331.716



Tritanopia
90, 12.010, 329.104

Trichromacy



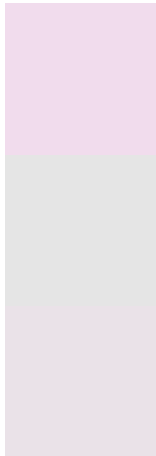
Original Color
90, 11.613, 330.708

Protanomaly
90, 8.947, 311.488

Deuteranomaly
90, 12.234, 330.433

Tritanomaly
90, 12.010, 329.104

Monochromacy



Original Color
90, 11.613, 330.708

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.249, 332.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.613, 330.708 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(241, 220, 237)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 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(241, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.613, 330.708 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(241, 220, 237) }
```

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

```
.border{ border-color:rgb(241, 220, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 220, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.613, 330.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 237) }
```

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

```
.background{ background-color: rgb(241,  
220, 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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