

Converting Colors

CIELCh(90, 11.295, 319.141)

Have a look what the booklet for
CIELCh(90, 11.295, 319.141)
contains.

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Color

CIELCh(90, 11.254, 318.821)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEF1
RGB	237, 222, 241
RGB Percent	93%, 87%, 95%
CMY	0.0721, 0.1309, 0.0564
CMYK	0.02, 0.08, 0.00, 0.06
HSL	287°, 40%, 91%
HSV	287°, 8%, 94%
XYZ	76.6329, 76.3034, 93.6020
YIQ	228.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

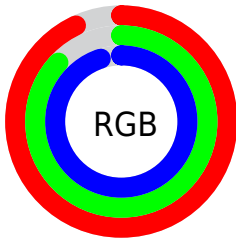
Format	Color
R _Y B	237, 222, 241
Decimal	15589105
CIE Lab	90.00, 8.47, -7.41
CIE LCh	90, 11.254, 318.821
Yxy	76.3034, 0.3108, 0.3095
Android (android.graphics.Color)	4293779185 (0xFFEDDEF1)
YUV	228.6510, 6.0881, 7.3221
Hunter-Lab	87.3518, 3.7306, -2.3861

Details

The CIELCh color **90, 11.254, 318.821** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 11.191, 138.155**, 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, 11.185, 318.544** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.719, 319.279**, and if you desaturate by 10%, it is **96, 2.959, 138.485**.

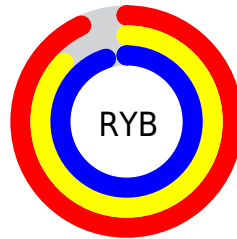
Distribution



Red (93%)

Green (87%)

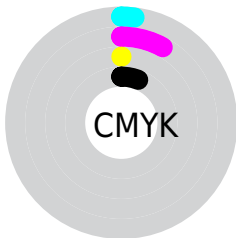
Blue (95%)



Red (93%)

Yellow (87%)

Blue (95%)

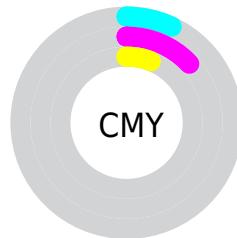


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (13%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.254, 318.821 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, 11.254, 318.821 by changing the saturation by 10% instead.


 90, 11.254,
318.821


 90, 11.254,
318.821


 100, 11.254,
318.821


 80, 11.254,
318.821


 70, 11.254,
318.821

 60, 11.254,
318.821

 50, 11.254,
318.821

 40, 11.254,
318.821

 30, 11.254,
318.821

 20, 11.254,

318.821

■ 10, 11.254,
318.821

■ 0, 11.254, 318.821

■ 90, 11.254,
318.821

■ 90, 11.254,
318.821

■ 84, 25.719,
319.279

■ 96, 2.959, 138.485

■ 78, 40.303,
319.729

■ 99, 7.890, 131.384

■ 99, 7.386, 118.457

■ 72, 54.774,
320.157

■ 100, 7.284,
109.622

■ 66, 68.787,
320.538

■ 61, 81.855,
320.836

■ 57, 93.357,
321.010

■ 53, 102.602,
321.009

■ 51, 109.001,
320.788

■ 49, 112.407,
320.324

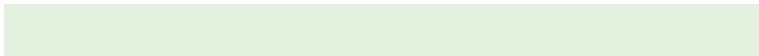
Harmonies

Complementary

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



90, 11.254, 318.821



93, 11.191, 138.155

Rectangle

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



90, 11.254, 318.821



90, 11.254, 8.821



90, 11.254, 138.821



90, 11.254, 188.821

Sweetspot

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



90, 11.251, 318.820



99, 2.978, 318.499



90, 7.842, 280.358



53, 1.693, 318.491



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, 11.251, 318.820



94, 13.463, 318.873



90, 9.825, 334.114



47, 8.087, 318.894



37, 92.161, 320.338



7, 40.011, 321.346

Inverse Universe

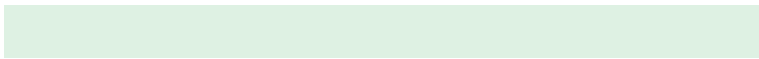
The Inverse Universe completely reimagines the original color for something new.



90, 7.187, 3.107



94, 8.616, 3.231



93, 9.781, 153.115



47, 5.179, 3.279



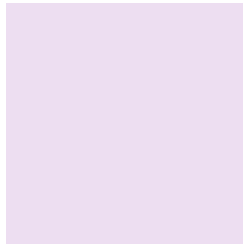
38, 72.098, 28.620



8, 28.972, 15.078

Previews

White Background



This preview shows how the CIELCh color 90, 11.254, 318.821 looks on a white background.

Color Contrast Check

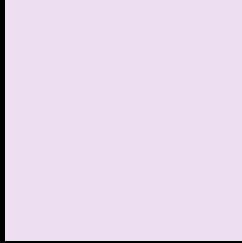
Large Text (above 18pt) WCAG AA × Fail

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, 11.254, 318.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

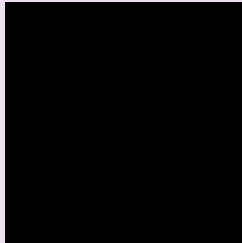
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

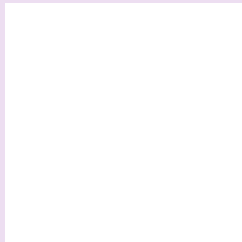
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.254, 318.821

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.254, 318.821.



This preview shows how white text looks on a background with the CIELCh color 90, 11.254, 318.821.

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, 11.254, 318.821

Protanopia

90, 9.375, 293.054

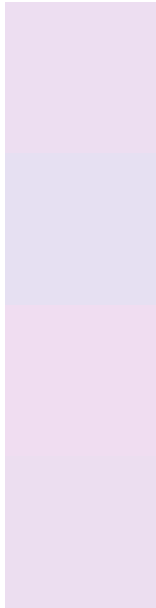
Deuteranopia

90, 13.455, 326.169



Tritanopia
90, 10.177, 319.807

Trichromacy



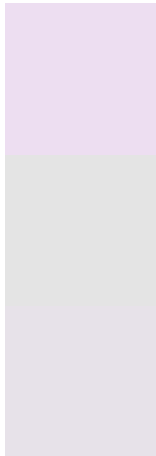
Original Color
90, 11.254, 318.821

Protanomaly
90, 9.626, 303.456

Deuteranomaly
90, 12.425, 323.506

Tritanomaly
90, 10.632, 318.448

Monochromacy



Original Color
90, 11.254, 318.821

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, 11.254, 318.821 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, 222, 241)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 241)  
}
```

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, 222, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.254, 318.821 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, 222, 241) }
```

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

```
.border{ border-color:rgb(237, 222, 241) }
```

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

Here you see how a box with a 4 pixel rgb(237, 222, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 241);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.254, 318.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 241) }
```

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

```
.background{ background-color: rgb(237,  
222, 241) }
```

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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