

Converting Colors

CIELCh(90, 16.254, 297.463)

Have a look what the booklet for
CIELCh(90, 16.254, 297.463)
contains.

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Color

CIElCh(90, 16.254, 297.463)

Conversions

Conversions Part 1

Format	Color
Hex	E4DFFE
RGB	228, 223, 254
RGB Percent	89%, 87%, 100%
CMY	0.1065, 0.1261, 0.0046
CMYK	0.10, 0.12, 0.00, 0.00
HSL	250°, 93%, 93%
HSV	250°, 12%, 100%
XYZ	76.1525, 76.3034, 104.3434
YIQ	228.0290, -6.9710, 10.7010

Conversions

Conversions Part 2

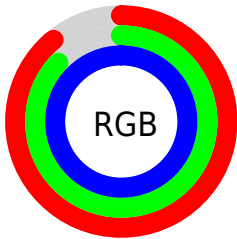
Format	Color
R _Y B	228, 223, 254
Decimal	14999550
CIE Lab	90.00, 7.50, -14.42
CIE LCh	90, 16.254, 297.463
Yxy	76.3034, 0.2965, 0.2971
Android (android.graphics.Color)	4293189630 (0xFFE4DFFE)
YUV	228.0290, 12.8037, -0.0254
Hunter-Lab	87.3518, 2.7490, -9.6768

Details

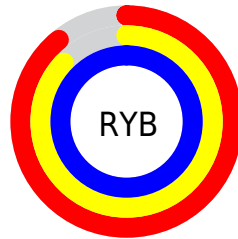
The CIELCh color `90, 16.254, 297.463` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `99, 15.818, 115.598`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 15.996, 296.811` is the 20% darker color. If you saturate the color by 10%, you get `82, 30.150, 298.395`, and if you desaturate by 10%, it is `98, 2.893, 296.656`.

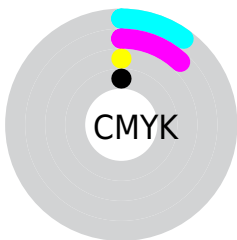
Distribution



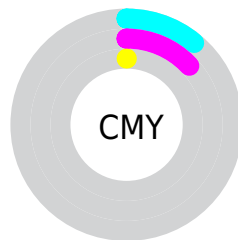
- Red (89%)
- Green (87%)
- Blue (100%)



- Red (89%)
- Yellow (87%)
- Blue (100%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 16.254, 297.463 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, 16.254, 297.463 by changing the saturation by 10% instead.


 90, 16.254,
297.463


 90, 16.254,
297.463


 100, 16.254,
297.463


 80, 16.254,
297.463


 70, 16.254,
297.463

 60, 16.254,
297.463

 50, 16.254,
297.463

 40, 16.254,
297.463

 30, 16.254,
297.463

 20, 16.254,

297.463

■ 10, 16.254,
297.463

■ 0, 16.254, 297.463

■ 90, 16.254,
297.463

■ 90, 16.254,
297.463

■ 82, 30.150,
298.395

■ 98, 2.893, 296.656

■ 74, 44.604,
299.472

100, 0.578,
110.001

■ 66, 59.592,
300.697

■ 59, 75.007,
302.054

■ 51, 90.541,
303.490

■ 45, 105.502,
304.887

■ 39, 118.589,
306.047

■ 35, 127.960,
306.712

■ 33, 132.149,
306.855

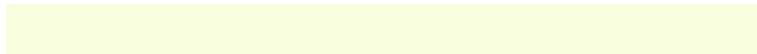
Harmonies

Complementary

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



90, 16.254, 297.463



99, 15.818, 115.598

Rectangle

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



90, 16.254, 297.463



90, 16.254, 347.463



90, 16.254, 117.463



90, 16.254, 167.463

Sweetspot

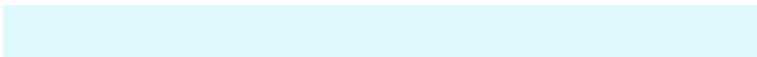
The Sweet Spot groups the original color and five complimentary colors.



90, 16.252, 297.460



97, 5.266, 296.791



96, 9.185, 214.000



51, 3.747, 296.849



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, 16.252, 297.460



88, 20.149, 297.707



91, 17.605, 314.634



49, 7.557, 297.230



24, 106.655, 306.948



4, 44.482, 304.822

Inverse Universe

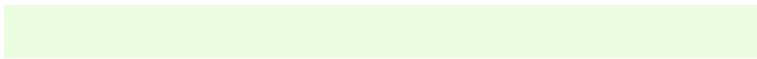
The Inverse Universe completely reimagines the original color for something new.



92, 17.363, 329.934



91, 21.441, 330.113



97, 17.402, 133.612



50, 8.102, 329.761



44, 82.050, 335.907



12, 38.315, 334.837

Previews

White Background



This preview shows how the CIELCh color 90, 16.254, 297.463 looks on a white background.

Color Contrast Check

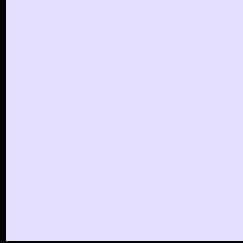
Large Text (above 18pt) WCAG AA × Fail

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, 16.254, 297.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

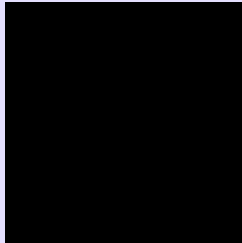
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 16.254, 297.463

Background



This preview shows how black text looks on a background with the CIELCh color 90, 16.254, 297.463.

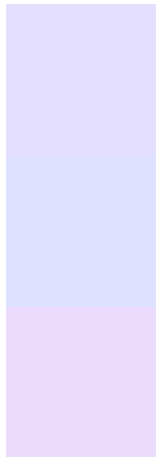


This preview shows how white text looks on a background with the CIELCh color 90, 16.254, 297.463.

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, 16.254, 297.463

Protanopia

90, 15.612, 287.728

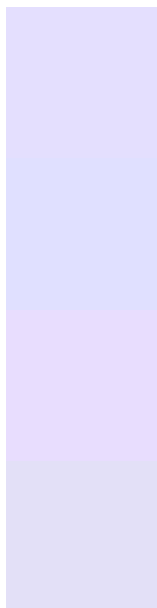
Deuteranopia

90, 18.512, 307.642



Tritanopia
90, 9.375, 293.054

Trichromacy



Original Color
90, 16.254, 297.463

Protanomaly
90, 16.129, 291.478

Deuteranomaly
90, 17.652, 303.799

Tritanomaly
90, 12.030, 296.060

Monochromacy



Original Color
90, 16.254, 297.463

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.774, 297.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 16.254, 297.463 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(228, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(228, 223, 254)  
}
```

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(228, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 223, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 16.254, 297.463 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(228, 223, 254) }
```

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

```
.border{ border-color:rgb(228, 223, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 223, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 223, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 223, 254); box-shadow:4px 4px 4px 4px rgb(228, 223, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 16.254, 297.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 223, 254) }
```

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

```
.background{ background-color: rgb(228,  
223, 254) }
```

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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