

Converting Colors

CIELCh(90, 17.146, 318.302)

Have a look what the booklet for
CIELCh(90, 17.146, 318.302)
contains.

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Color

CIELCh(90, 17.000, 318.052)

Conversions

Conversions Part 1

Format	Color
Hex	F1DBF8
RGB	241, 219, 248
RGB Percent	95%, 86%, 97%
CMY	0.0540, 0.1403, 0.0266
CMYK	0.03, 0.12, 0.00, 0.03
HSL	286°, 68%, 92%
HSV	286°, 12%, 97%
XYZ	78.7131, 76.3034, 99.5627
YIQ	228.8840, 3.8030, 13.6830

Conversions

Conversions Part 2

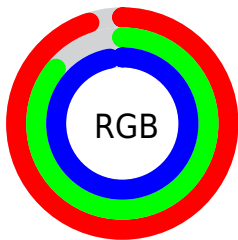
Format	Color
R _Y B	241, 219, 248
Decimal	15850488
CIE Lab	90.00, 12.64, -11.36
CIE LCh	90, 17.000, 318.052
Yxy	76.3034, 0.3092, 0.2997
Android (android.graphics.Color)	4294040568 (0xFFFF1DBF8)
YUV	228.8840, 9.4242, 10.6257
Hunter-Lab	87.3518, 7.9816, -6.4319

Details

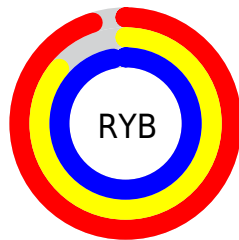
The CIELCh color `90, 17.000, 318.052` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 16.869, 137.039`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 17.225, 317.905` is the 20% darker color. If you saturate the color by 10%, you get `84, 31.800, 318.501`, and if you desaturate by 10%, it is `97, 2.432, 317.536`.

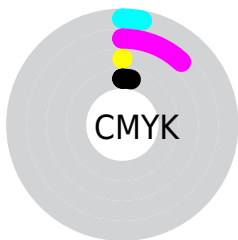
Distribution



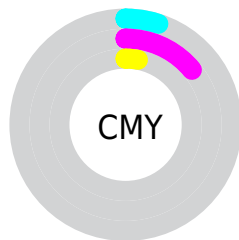
- Red (95%)
- Green (86%)
- Blue (97%)



- Red (95%)
- Yellow (86%)
- Blue (97%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (14%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 17.000, 318.052 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, 17.000, 318.052 by changing the saturation by 10% instead.


 90, 17.000,
318.052


 90, 17.000,
318.052


 100, 17.000,
318.052


 80, 17.000,
318.052


 70, 17.000,
318.052

 60, 17.000,
318.052

 50, 17.000,
318.052

 40, 17.000,
318.052

 30, 17.000,
318.052

 20, 17.000,

318.052

■ 10, 17.000,
318.052

■ 0, 17.000, 318.052

■ 90, 17.000,
318.052

■ 90, 17.000,
318.052

■ 84, 31.800,
318.501

■ 97, 2.432, 317.536

■ 77, 46.676,
318.942

■ 100, 3.494,
120.339

■ 71, 61.363,
319.354

■ 100, 3.428,
109.899

■ 66, 75.468,
319.708

■ 61, 88.443,
319.962

■ 56, 99.602,
320.067

■ 53, 108.219,
319.965

■ 50, 113.753,
319.609

■ 49, 116.216,
319.130

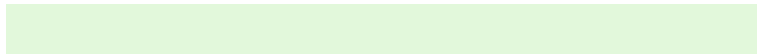
Harmonies

Complementary

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



90, 17.000, 318.052



95, 16.869, 137.039

Rectangle

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



90, 17.000, 318.052



90, 17.000, 8.052



90, 17.000, 138.052



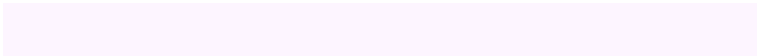
90, 17.000, 188.052

Sweetspot

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



90, 16.997, 318.051



97, 5.907, 317.690



90, 11.520, 278.738



51, 4.200, 317.729



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, 16.997, 318.051



91, 20.861, 318.157



90, 15.317, 333.085



49, 8.298, 317.952



37, 94.523, 319.267



8, 42.561, 320.310

Inverse Universe

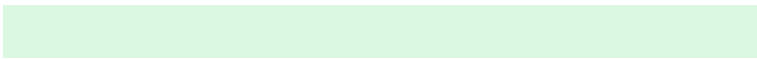
The Inverse Universe completely reimagines the original color for something new.



90, 11.148, 1.237



91, 13.728, 1.499



95, 15.251, 151.555



49, 5.425, 0.996



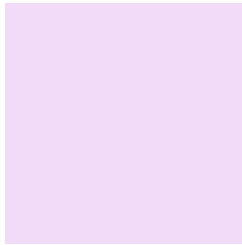
40, 72.243, 26.279



9, 30.797, 15.618

Previews

White Background



This preview shows how the CIELCh color 90, 17.000, 318.052 looks on a white background.

Color Contrast Check

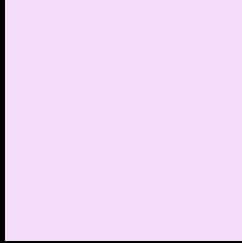
Large Text (above 18pt) WCAG AA × Fail

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, 17.000, 318.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

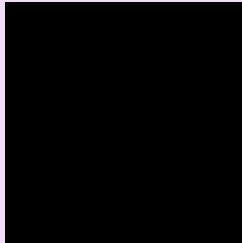
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

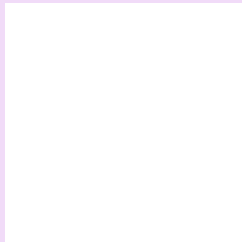
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 17.000, 318.052

Background



This preview shows how black text looks on a background with the CIELCh color 90, 17.000, 318.052.



This preview shows how white text looks on a background with the CIELCh color 90, 17.000, 318.052.

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, 11.159, 327.864

Trichromacy



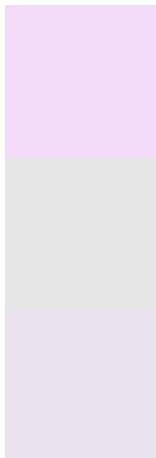
Original Color
90, 17.000, 318.052

Protanomaly
90, 14.806, 300.648

Deuteranomaly
90, 16.071, 315.514

Tritanomaly
90, 13.495, 322.398

Monochromacy



Original Color
90, 17.000, 318.052

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 6.412, 316.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 17.000, 318.052 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, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 248)  
}
```

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, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 17.000, 318.052 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, 219, 248) }
```

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

```
.border{ border-color:rgb(241, 219, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 219, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 219, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 219, 248);  
box-shadow:4px 4px 4px 4px rgb(241, 219,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 17.000, 318.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 219, 248) }
```

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

```
.background{ background-color: rgb(241,  
219, 248) }
```

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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