

Converting Colors

CIELCh(93, 40.397, 304.394)

Have a look what the booklet for
CIELCh(93, 40.397, 304.394)
contains.

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Color

CIELCh(92, 18.789, 318.788)

Conversions

Conversions Part 1

Format	Color
Hex	F9E0FF
RGB	249, 224, 255
RGB Percent	98%, 88%, 100%
CMY	0.0236, 0.1217, 0.0000
CMYK	0.02, 0.12, 0.00, 0.00
HSL	288°, 100%, 94%
HSV	288°, 12%, 100%
XYZ	83.9086, 80.7044, 106.5898
YIQ	235.0090, 4.9490, 14.9410

Conversions

Conversions Part 2

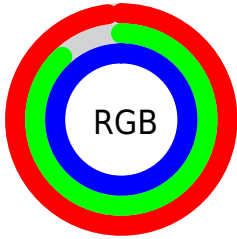
Format	Color
R_{YB}	249, 224, 255
Decimal	16376063
CIE _{Lab}	92.00, 14.13, -12.38
CIE _{LCh}	92, 18.789, 318.788
Y _{xy}	80.7044, 0.3094, 0.2976
Android (android.graphics.Color)	4294566143 (0xFF9E0F)
Y _{UV}	235.0090, 9.8556, 12.2701
Hunter-Lab	89.8356, 9.5109, -7.4625

Details

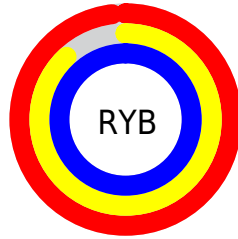
The CIELCh color **92, 18.789, 318.788** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **98, 18.228, 138.419**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 17.943, 319.236** is the 20% darker color. If you saturate the color by 10%, you get **86, 33.641, 319.982**, and if you desaturate by 10%, it is **99, 3.251, 319.008**.

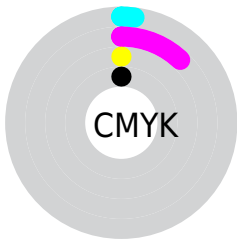
Distribution



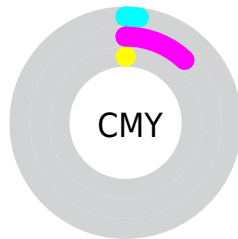
- Red (98%)
- Green (88%)
- Blue (100%)



- Red (98%)
- Yellow (88%)
- Blue (100%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 18.789, 318.788 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 92, 18.789, 318.788 by changing the saturation by 10% instead.

 92, 18.789,
318.788


 92, 18.789,
318.788

 100, 18.789,
318.788


 82, 18.789,
318.788


 72, 18.789,
318.788

 62, 18.789,
318.788

 52, 18.789,
318.788

 42, 18.789,
318.788

 32, 18.789,
318.788

 22, 18.789,

318.788

■ 12, 18.789,
318.788

■ 2, 18.789, 318.788

■ 92, 18.789,
318.788

■ 92, 18.789,
318.788

■ 86, 33.641,
319.982

■ 99, 3.251, 319.008

■ 79, 48.950,
320.429

100, 0.012,
296.813

■ 73, 63.972,
320.843

■ 68, 78.271,
321.195

■ 63, 91.261,
321.448

■ 59, 102.243,
321.557

■ 56, 110.527,
321.475

■ 53, 115.657,
321.165

■ 52, 117.733,
320.778

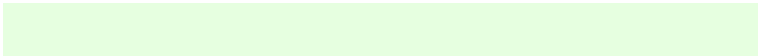
Harmonies

Complementary

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



92, 18.789, 318.788



98, 18.228, 138.419

Rectangle

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



92, 18.789, 318.788



92, 18.789, 8.788



92, 18.789, 138.788



92, 18.789, 188.788

Sweetspot

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



92, 18.343, 319.521



97, 5.987, 319.124



92, 12.991, 281.920



52, 4.257, 319.165



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 18.343, 319.521



90, 22.654, 319.652



92, 15.747, 335.106



50, 8.548, 319.396



39, 94.781, 320.897



10, 43.463, 321.730

Inverse Universe

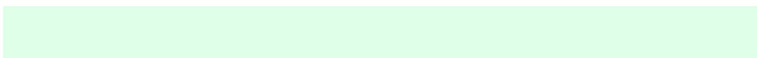
The Inverse Universe completely reimagines the original color for something new.



92, 11.684, 4.826



90, 14.506, 5.143



97, 15.655, 153.431



50, 5.418, 4.534



40, 75.238, 30.037



10, 32.019, 19.029

Previews

White Background



This preview shows how the CIELCh color 92, 18.789, 318.788 looks on a white background.

Color Contrast Check

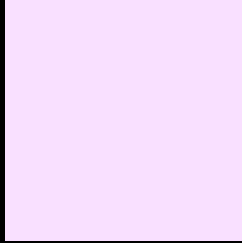
Large Text (above 18pt) WCAG AA × Fail

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 92, 18.789, 318.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

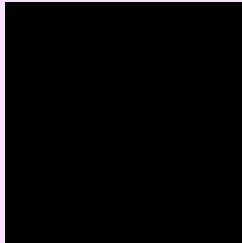
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

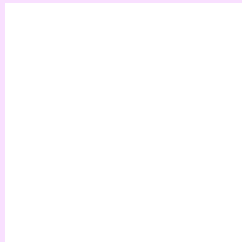
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 18.789, 318.788

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.789, 318.788.



This preview shows how white text looks on a background with the CIELCh color 92, 18.789, 318.788.

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 92, 18.322, 319.536
	Protanopia 92, 12.427, 288.033
	Deuteranopia 92, 16.329, 313.640



Tritanopia
92, 11.953, 329.091

Trichromacy



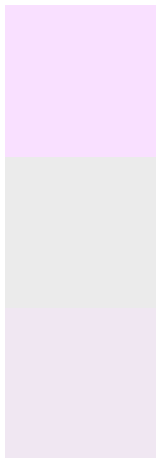
Original Color
92, 18.322, 319.536

Protanomaly
92, 14.300, 302.304

Deuteranomaly
92, 17.230, 316.220

Tritanomaly
92, 14.442, 324.933

Monochromacy



Original Color
92, 18.322, 319.536

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.546, 319.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.789, 318.788 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(249, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 224, 255)  
}
```

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(249, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 224, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.789, 318.788 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(249, 224, 255) }
```

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

```
.border{ border-color:rgb(249, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(249, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 224,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.789, 318.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 224, 255) }
```

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

```
.background{ background-color: rgb(249,  
224, 255) }
```

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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