

Converting Colors

CIELCh(91, 22.071, 328.752)

Have a look what the booklet for
CIELCh(91, 22.071, 328.752)
contains.

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Color

CIELCh(91, 21.518, 328.357)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAFB
RGB	255, 218, 251
RGB Percent	100%, 85%, 98%
CMY	0.0000, 0.1445, 0.0151
CMYK	0.00, 0.14, 0.02, 0.00
HSL	306°, 100%, 93%
HSV	306°, 14%, 100%
XYZ	83.8426, 78.4833, 102.1220
YIQ	232.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

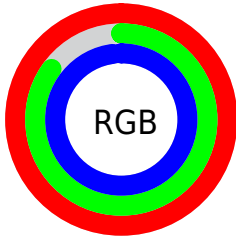
Format	Color
R_{YB}	255, 218, 251
Decimal	16767739
CIE _{Lab}	91.00, 18.32, -11.29
CIE _{LCh}	91, 21.518, 328.357
Yxy	78.4833, 0.3170, 0.2968
Android (android.graphics.Color)	4294957819 (0xFFFFDAFB)
YUV	232.8250, 8.9603, 19.4475
Hunter-Lab	88.5908, 13.8989, -6.3323

Details

The CIELCh color `91, 21.518, 328.357` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `97, 21.444, 146.488`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 21.280, 328.728` is the 20% darker color. If you saturate the color by 10%, you get `85, 36.423, 328.842`, and if you desaturate by 10%, it is `97, 6.578, 327.614`.

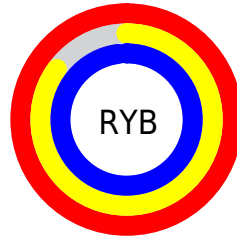
Distribution



Red (100%)

Green (85%)

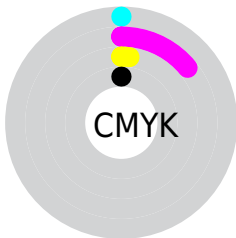
Blue (98%)



Red (100%)

Yellow (85%)

Blue (98%)

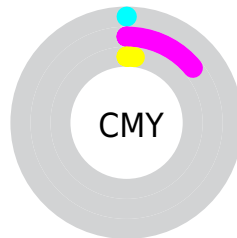


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 21.518, 328.357 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 91, 21.518, 328.357 by changing the saturation by 10% instead.


 91, 21.518,
328.357


 91, 21.518,
328.357


 100, 21.518,
328.357


 81, 21.518,
328.357

 71, 21.518,
328.357

 61, 21.518,
328.357

 51, 21.518,
328.357

 41, 21.518,
328.357

 31, 21.518,
328.357

 21, 21.518,

328.357

■ 11, 21.518,
328.357

■ 1, 21.518, 328.357

■ 91, 21.518,
328.357

■ 91, 21.518,
328.357

■ 85, 36.423,
328.842

■ 97, 6.578, 327.614

■ 79, 51.110,
329.442

100, 0.012,
296.813

■ 74, 65.133,
330.033

■ 70, 77.958,
330.607

■ 66, 88.962,
331.157

■ 63, 97.520,
331.683

■ 60, 103.173,
332.192

■ 59, 105.818,
332.697

■ 59, 106.309,
332.982

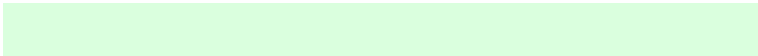
Harmonies

Complementary

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



91, 21.518, 328.357



97, 21.444, 146.488

Rectangle

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



91, 21.518, 328.357



91, 21.518, 18.357



91, 21.518, 148.357



91, 21.518, 198.357

Sweetspot

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



91, 21.483, 328.238



97, 5.912, 327.582



88, 19.317, 295.417



52, 4.203, 327.634



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 21.483, 328.238



89, 25.300, 328.392



90, 15.334, 350.748



50, 8.431, 327.937



44, 85.748, 332.892



12, 39.838, 332.274

Inverse Universe

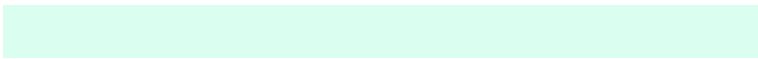
The Inverse Universe completely reimagines the original color for something new.



91, 21.483, 328.238



89, 25.300, 328.392



97, 14.902, 168.117



50, 8.431, 327.937



44, 85.748, 332.892



12, 39.838, 332.274

Previews

White Background



This preview shows how the CIELCh color 91, 21.518, 328.357 looks on a white background.

Color Contrast Check

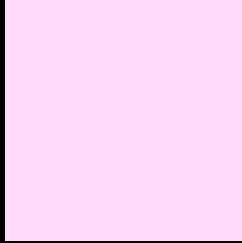
Large Text (above 18pt) WCAG AA × Fail

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 91, 21.518, 328.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

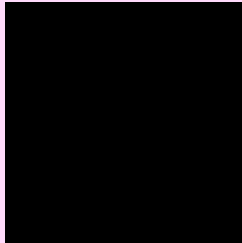
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 21.518, 328.357

Background



This preview shows how black text looks on a background with the CIELCh color 91, 21.518, 328.357.

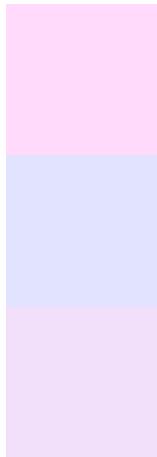


This preview shows how white text looks on a background with the CIELCh color 91, 21.518, 328.357.

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


91, 21.518, 328.357

Protanopia

91, 14.010, 288.531

Deuteranopia

91, 15.564, 316.294



Tritanopia
91, 15.061, 342.321

Trichromacy



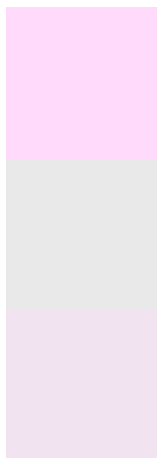
Original Color
91, 21.518, 328.357

Protanomaly
91, 16.272, 307.283

Deuteranomaly
91, 17.645, 322.167

Tritanomaly
91, 17.609, 335.822

Monochromacy



Original Color
91, 21.518, 328.357

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.769, 326.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 21.518, 328.357 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(255, 218, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 251)  
}
```

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(255, 218, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 21.518, 328.357 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(255, 218, 251) }
```

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

```
.border{ border-color:rgb(255, 218, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 218, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 21.518, 328.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 251) }
```

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

```
.background{ background-color: rgb(255,  
218, 251) }
```

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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