

Converting Colors

CIELCh(100, 49.443, 6.679)

Have a look what the booklet for
CIELCh(100, 49.443, 6.679) contains.

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Color

CIElCh(91, 20.194, 332.809)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAF7
RGB	255, 218, 247
RGB Percent	100%, 85%, 97%
CMY	0.0000, 0.1442, 0.0304
CMYK	0.00, 0.14, 0.03, 0.00
HSL	313°, 100%, 93%
HSV	313°, 14%, 100%
XYZ	83.6556, 78.4833, 98.9305
YIQ	232.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

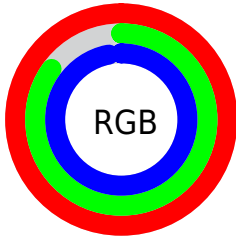
Format	Color
R _Y B	255, 218, 247
Decimal	16767735
CIE Lab	91.00, 17.96, -9.23
CIE LCh	91, 20.194, 332.809
Yxy	78.4833, 0.3204, 0.3006
Android (android.graphics.Color)	4294957815 (0xFFFFDAF7)
YUV	232.3690, 7.2131, 19.8474
Hunter-Lab	88.5908, 13.5223, -4.1963

Details

The CIELCh color **91, 20.194, 332.809** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 19.827, 149.939**, 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, 20.043, 331.622** is the 20% darker color. If you saturate the color by 10%, you get **85, 33.797, 332.496**, and if you desaturate by 10%, it is **97, 6.064, 331.129**.

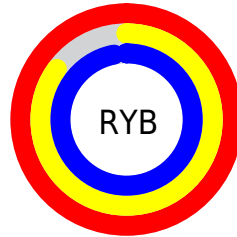
Distribution



Red (100%)

Green (85%)

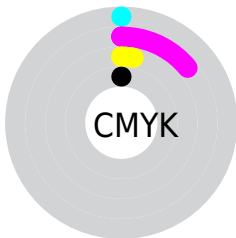
Blue (97%)



Red (100%)

Yellow (85%)

Blue (97%)

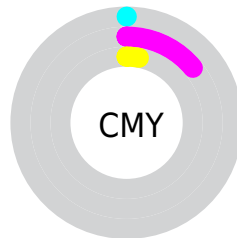


Cyan (0%)

Magenta (14%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 20.194, 332.809 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, 20.194, 332.809 by changing the saturation by 10% instead.


 91, 20.194,
332.809


 91, 20.194,
332.809


 100, 20.194,
332.809


 81, 20.194,
332.809

 71, 20.194,
332.809

 61, 20.194,
332.809

 51, 20.194,
332.809

 41, 20.194,
332.809

 31, 20.194,
332.809

 21, 20.194,

332.809

■ 11, 20.194,
332.809

■ 1, 20.194, 332.809

■ 91, 20.194,
332.809

■ 91, 20.194,
332.809

■ 85, 33.797,
332.496

■ 97, 6.064, 331.129

■ 79, 47.484,
333.197

100, 0.012,
296.813

■ 74, 60.576,
333.924

■ 69, 72.558,
334.682

■ 65, 82.807,
335.482

■ 62, 90.687,
336.347

■ 59, 95.705,
337.309

■ 58, 97.723,
338.412

■ 58, 97.866,
339.090

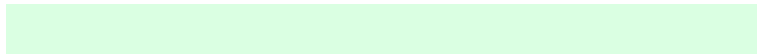
Harmonies

Complementary

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



91, 20.194, 332.809



97, 19.827, 149.939

Rectangle

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



91, 20.194, 332.809



91, 20.194, 22.809



91, 20.194, 152.809



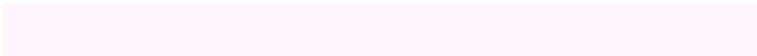
91, 20.194, 202.809

Sweetspot

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



91, 19.902, 331.817



97, 5.483, 331.096



89, 19.413, 299.072



52, 3.898, 331.154



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, 19.902, 331.817



89, 23.486, 331.990



90, 14.517, 357.357



50, 7.822, 331.487



43, 79.038, 338.861



11, 37.055, 337.317

Inverse Universe

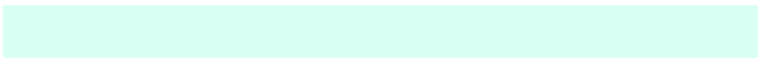
The Inverse Universe completely reimagines the original color for something new.



91, 19.902, 331.817



89, 23.486, 331.990



97, 13.924, 174.635



50, 7.822, 331.487



43, 79.038, 338.861



11, 37.055, 337.317

Previews

White Background



This preview shows how the CIELCh color 91, 20.194, 332.809 looks on a white background.

Color Contrast Check

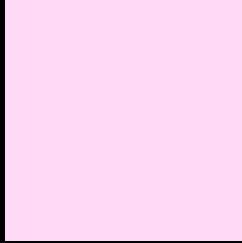
Large Text (above 18pt) WCAG AA × Fail

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, 20.194, 332.809 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, 20.194, 332.809

Background



This preview shows how black text looks on a background with the CIELCh color 91, 20.194, 332.809.

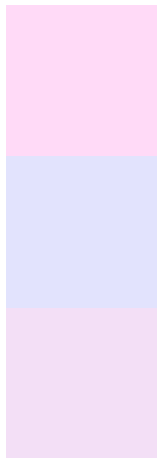


This preview shows how white text looks on a background with the CIELCh color 91, 20.194, 332.809.

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, 19.948, 332.016

Protanopia

91, 13.496, 289.820

Deuteranopia

91, 13.904, 321.273



Tritanopia
91, 15.048, 344.772

Trichromacy



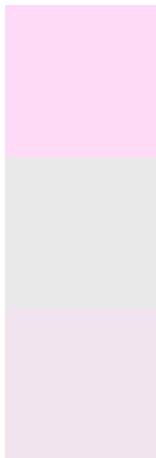
Original Color
91, 19.948, 332.016

Protanomaly
91, 14.786, 308.908

Deuteranomaly
91, 15.928, 326.056

Tritanomaly
91, 16.915, 338.338

Monochromacy



Original Color
91, 19.948, 332.016

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.969, 331.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 20.194, 332.809 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 20.194, 332.809 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, 247) }
```

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

```
.border{ border-color:rgb(255, 218, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 20.194, 332.809 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
218, 247) }
```

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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