

Converting Colors

CIELCh(90, 21.458, 327.413)

Have a look what the booklet for
CIELCh(90, 21.458, 327.413)
contains.

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Color

CIELCh(90, 21.344, 327.583)

Conversions

Conversions Part 1

Format	Color
Hex	FCD8F9
RGB	252, 216, 249
RGB Percent	99%, 85%, 98%
CMY	0.0136, 0.1547, 0.0253
CMYK	0.00, 0.14, 0.01, 0.01
HSL	305°, 84%, 92%
HSV	305°, 14%, 99%
XYZ	81.4469, 76.3034, 99.6832
YIQ	230.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

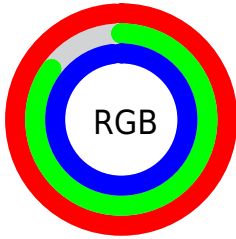
Format	Color
R _Y B	252, 216, 249
Decimal	16570617
CIE Lab	90.00, 18.02, -11.44
CIE LCh	90, 21.344, 327.583
Yxy	76.3034, 0.3164, 0.2964
Android (android.graphics.Color)	4294760697 (0xFFFC D8F9)
YUV	230.5260, 9.1077, 18.8327
Hunter-Lab	87.3518, 13.5680, -6.5137

Details

The CIELCh color **90, 21.344, 327.583** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 21.307, 145.874**, 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, 21.536, 327.026** is the 20% darker color. If you saturate the color by 10%, you get **84, 36.331, 328.175**, and if you desaturate by 10%, it is **96, 6.386, 326.968**.

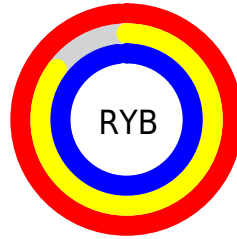
Distribution



Red (99%)

Green (85%)

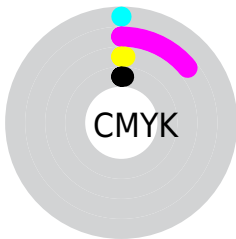
Blue (98%)



Red (99%)

Yellow (85%)

Blue (98%)

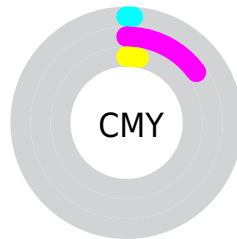


Cyan (0%)

Magenta (14%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 21.344, 327.583 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, 21.344, 327.583 by changing the saturation by 10% instead.


 90, 21.344,
327.583


 90, 21.344,
327.583


 100, 21.344,
327.583


 80, 21.344,
327.583

 70, 21.344,
327.583

 60, 21.344,
327.583

 50, 21.344,
327.583

 40, 21.344,
327.583

 30, 21.344,
327.583

 20, 21.344,

327.583

■ 10, 21.344,
327.583

■ 0, 21.344, 327.583

■ 90, 21.344,
327.583

■ 90, 21.344,
327.583

■ 84, 36.331,
328.175

■ 96, 6.386, 326.968

■ 79, 51.068,
328.759

■ 100, 1.671,
156.321

■ 73, 65.144,
329.327

■ 100, 1.206,
195.757

■ 69, 78.033,
329.871

■ 100, 1.202,
199.880

■ 65, 89.116,
330.381

■ 62, 97.781,
330.852

■ 60, 103.577,
331.288

■ 59, 106.401,
331.699

■ 58, 107.007,
331.929

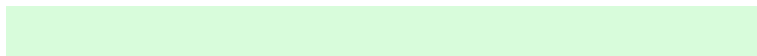
Harmonies

Complementary

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



90, 21.344, 327.583



96, 21.307, 145.874

Rectangle

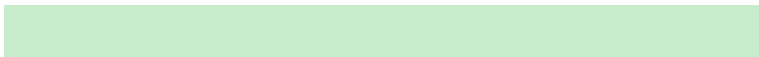
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 21.344, 327.583



90, 21.344, 17.583



90, 21.344, 147.583



90, 21.344, 197.583

Sweetspot

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



90, 21.341, 327.583



97, 6.000, 326.947



87, 18.880, 294.178



52, 4.265, 326.999



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, 21.341, 327.583



89, 25.671, 327.744



90, 15.311, 348.690



49, 8.415, 327.295



44, 86.318, 331.859



11, 39.377, 331.365

Inverse Universe

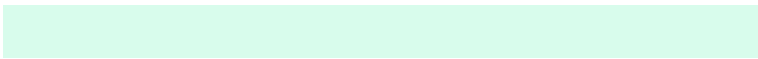
The Inverse Universe completely reimagines the original color for something new.



90, 21.341, 327.583



89, 25.671, 327.744



96, 14.938, 166.147



49, 8.415, 327.295



44, 86.318, 331.859



11, 39.377, 331.365

Previews

White Background



This preview shows how the CIELCh color 90, 21.344, 327.583 looks on a white background.

Color Contrast Check

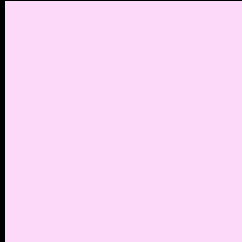
Large Text (above 18pt) WCAG AA × Fail

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, 21.344, 327.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

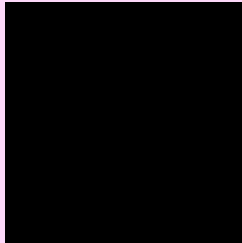
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 21.344, 327.583

Background



This preview shows how black text looks on a background with the CIELCh color 90, 21.344, 327.583.



This preview shows how white text looks on a background with the CIELCh color 90, 21.344, 327.583.

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, 21.344, 327.583

Protanopia

90, 15.094, 287.553

Deuteranopia

90, 16.071, 315.514



Tritanopia
90, 14.494, 343.038

Trichromacy



Original Color
90, 21.344, 327.583



Protanomaly
90, 16.120, 304.926



Deuteranomaly
90, 18.129, 321.323

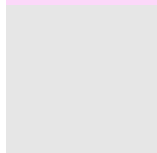


Tritanomaly
90, 17.030, 336.197

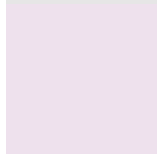
Monochromacy



Original Color
90, 21.344, 327.583



Achromatopsia
91, 0.011, 296.813



Achromatomaly
91, 7.788, 326.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 21.344, 327.583 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(252, 216, 249)` looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 249)  
}
```

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(252, 216, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 21.344, 327.583 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(252, 216, 249) }
```

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

```
.border{ border-color:rgb(252, 216, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 21.344, 327.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 249) }
```

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

```
.background{ background-color: rgb(252,  
216, 249) }
```

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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