

Converting Colors

CIELCh(95, 9.783, 328.910)

Have a look what the booklet for
CIELCh(95, 9.783, 328.910) contains.

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Color

CIELCh(95, 9.793, 328.174)

Conversions

Conversions Part 1

Format	Color
Hex	FDECFB
RGB	253, 236, 251
RGB Percent	99%, 93%, 98%
CMY	0.0089, 0.0755, 0.0167
CMYK	0.00, 0.07, 0.01, 0.01
HSL	307°, 79%, 96%
HSV	307°, 7%, 99%
XYZ	87.6995, 87.6183, 103.3348
YIQ	242.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

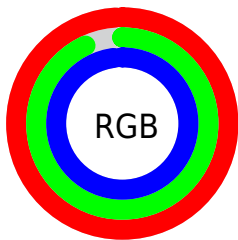
Format	Color
R_{YB}	253, 236, 251
Decimal	16641275
CIE Lab	95.00, 8.32, -5.16
CIE LCh	95, 9.793, 328.174
Yxy	87.6183, 0.3147, 0.3144
Android (android.graphics.Color)	4294831355 (0xFFFDECFB)
YUV	242.7930, 4.0461, 8.9515
Hunter-Lab	93.6047, 3.4309, 0.0701

Details

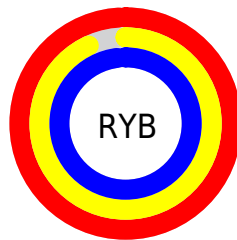
The CIELCh color **95, 9.793, 328.174** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 9.765, 147.439**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 10.056, 326.595** is the 20% darker color. If you saturate the color by 10%, you get **89, 24.481, 328.793**, and if you desaturate by 10%, it is **100, 1.026, 160.431**.

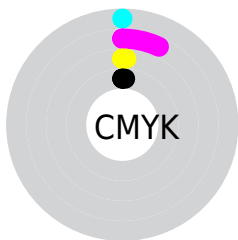
Distribution



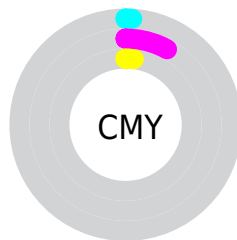
- Red (99%)
- Green (93%)
- Blue (98%)



- Red (99%)
- Yellow (93%)
- Blue (98%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.793, 328.174 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 95, 9.793, 328.174 by changing the saturation by 10% instead.

 95, 9.793, 328.174

 95, 9.793, 328.174

 100, 9.793,
328.174

 85, 9.793, 328.174

 75, 9.793, 328.174

 65, 9.793, 328.174

 55, 9.793, 328.174

 45, 9.793, 328.174

 35, 9.793, 328.174

 25, 9.793, 328.174

 15, 9.793, 328.174

 5, 9.793, 328.174

95, 9.793, 328.174

95, 9.793, 328.174

89, 24.481,
328.793

100, 1.026,
160.431

83, 39.153,
329.404

100, 0.788,
200.196

77, 53.498,
330.015

72, 67.085,
330.618

68, 79.359,
331.208

64, 89.692,
331.782

61, 97.482,
332.342

59, 102.330,
332.899

■ 58,104.241,
333.474

Harmonies

Complementary

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



95, 9.793, 328.174



98, 9.765, 147.439

Rectangle

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



95, 9.793, 328.174



95, 9.793, 18.174



95, 9.793, 148.174



95, 9.793, 198.174

Sweetspot

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



95, 9.790, 328.175



99, 2.929, 327.815



94, 8.800, 295.316



53, 1.665, 327.803



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 9.790, 328.175



95, 11.743, 328.256



95, 6.929, 350.989



50, 8.353, 328.350



44, 84.862, 333.564



12, 39.475, 332.848

Inverse Universe

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



95, 9.790, 328.175



95, 11.743, 328.256



98, 6.823, 169.924



50, 8.353, 328.350



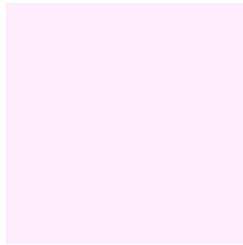
44, 84.862, 333.564



12, 39.475, 332.848

Previews

White Background



This preview shows how the CIE LCh color 95, 9.793, 328.174 looks on a white background.

Color Contrast Check

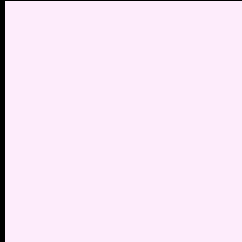
Large Text (above 18pt) WCAG AA × Fail

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 95, 9.793, 328.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

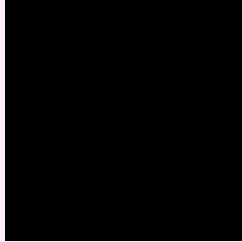
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

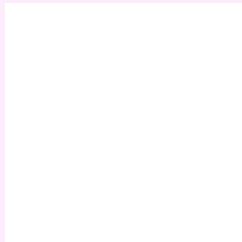
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.793, 328.174

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.793, 328.174.



This preview shows how white text looks on a background with the CIELCh color 95, 9.793, 328.174.

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

95, 9.793, 328.174

Protanopia

95, 7.246, 296.212

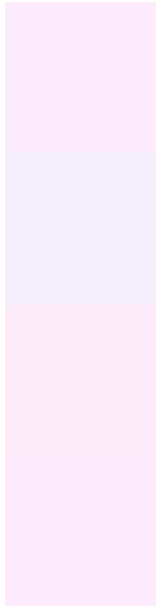
Deuteranopia

95, 10.113, 334.785



Tritanopia
95, 11.671, 323.389

Trichromacy



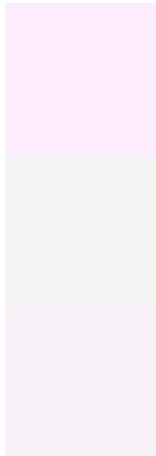
Original Color
95, 9.793, 328.174

Protanomaly
95, 7.635, 309.296

Deuteranomaly
95, 10.247, 331.334

Tritanomaly
95, 11.246, 324.807

Monochromacy



Original Color
95, 9.793, 328.174

Achromatopsia
96, 0.011, 296.813

Achromatomaly
95, 3.972, 328.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.793, 328.174 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(253, 236, 251)` looks like.

```
.text, #text, p{  
    color:rgb(253, 236, 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(253, 236, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.793, 328.174 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(253, 236, 251) }
```

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

```
.border{ border-color:rgb(253, 236, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 236, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 236, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 236, 251);  
box-shadow:4px 4px 4px 4px rgb(253, 236,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.793, 328.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 251) }
```

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

```
.background{ background-color: rgb(253,  
236, 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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