

Converting Colors

CIE LCh(96, 12.052, 316.450)

Have a look what the booklet for
CIELCh(96, 12.052, 316.450)
contains.

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Color

CIELCh(96, 9.783, 323.048)

Conversions

Conversions Part 1

Format	Color
Hex	FEEFFF
RGB	254, 239, 255
RGB Percent	100%, 94%, 100%
CMY	0.0040, 0.0628, 0.0001
CMYK	0.00, 0.06, 0.00, 0.00
HSL	296°, 100%, 97%
HSV	296°, 6%, 100%
XYZ	89.7737, 90.0078, 107.2328
YIQ	245.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

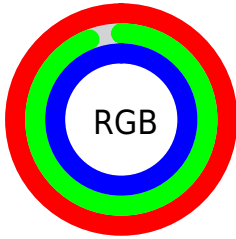
Format	Color
R_{YB}	254, 239, 255
Decimal	16707583
CIE _{Lab}	96.00, 7.82, -5.88
CIE _{LCh}	96, 9.783, 323.048
Yxy	90.0078, 0.3128, 0.3136
Android (android.graphics.Color)	4294897663 (0xFFFEFFFF)
YUV	245.3090, 4.7777, 7.6220
Hunter-Lab	94.8724, 2.8800, -0.6038

Details

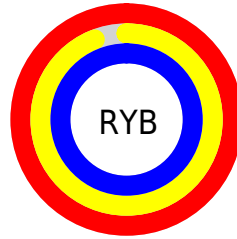
The CIELCh color **96, 9.783, 323.048** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 9.752, 142.452**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 9.615, 322.997** is the 20% darker color. If you saturate the color by 10%, you get **90, 25.523, 323.579**, and if you desaturate by 10%, it is **100, 0.003, 319.502**.

Distribution



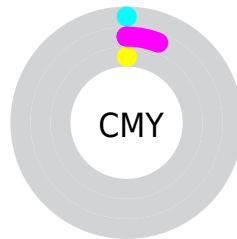
- Red (100%)
- Green (94%)
- Blue (100%)



- Red (100%)
- Yellow (94%)
- Blue (100%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.783, 323.048 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 96, 9.783, 323.048 by changing the saturation by 10% instead.

 96, 9.783, 323.048

 96, 9.783, 323.048

 100, 9.783,
323.048

 86, 9.783, 323.048

 76, 9.783, 323.048

 66, 9.783, 323.048

 56, 9.783, 323.048

 46, 9.783, 323.048

 36, 9.783, 323.048

 26, 9.783, 323.048

 16, 9.783, 323.048

 6, 9.783, 323.048

96, 9.783, 323.048

96, 9.783, 323.048

90, 25.523,
323.579

100, 0.003,
319.502

84, 41.290,
324.091

78, 56.784,
324.577

73, 71.582,
325.021

68, 85.134,
325.398

64, 96.801,
325.685

61, 105.952,
325.856

59, 112.137,
325.896

■ 58,115.296,
325.798

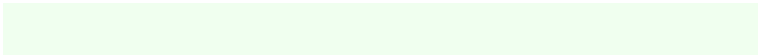
Harmonies

Complementary

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



96, 9.783, 323.048



99, 9.752, 142.452

Rectangle

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



96, 9.783, 323.048



96, 9.783, 13.048



96, 9.783, 143.048



96, 9.783, 193.048

Sweetspot

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



96, 9.780, 323.048



99, 3.114, 322.766



95, 7.677, 288.045



53, 1.770, 322.756



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 9.780, 323.048



95, 12.488, 323.143



96, 7.345, 340.654



50, 8.884, 323.223



43, 93.411, 325.782



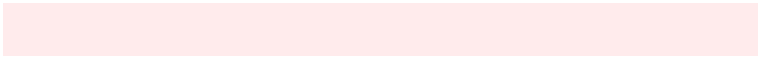
11, 42.950, 326.073

Inverse Universe

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



96, 5.741, 14.582



95, 7.367, 14.748



99, 7.289, 159.796



50, 5.263, 14.889



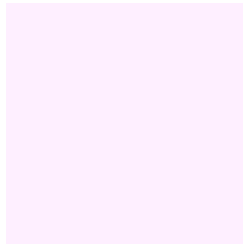
40, 81.636, 37.640



10, 32.870, 24.660

Previews

White Background



This preview shows how the CIElCh color 96, 9.783, 323.048 looks on a white background.

Color Contrast Check

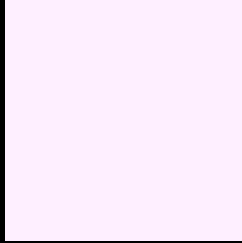
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 9.783, 323.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

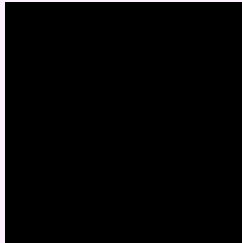
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

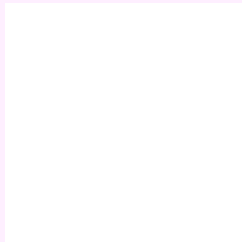
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.783, 323.048

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.783, 323.048.



This preview shows how white text looks on a background with the CIELCh color 96, 9.783, 323.048.

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

96, 9.783, 323.048

Protanopia

96, 6.719, 296.596

Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 9.425, 319.438

Trichromacy



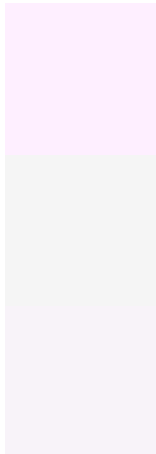
Original Color
96, 9.783, 323.048

Protanomaly
96, 7.617, 309.293

Deuteranomaly
96, 8.758, 330.441

Tritanomaly
96, 9.600, 321.275

Monochromacy



Original Color
96, 9.783, 323.048

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 3.564, 319.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.783, 323.048 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(254, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 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(254, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.783, 323.048 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(254, 239, 255) }
```

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

```
.border{ border-color:rgb(254, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.783, 323.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 255) }
```

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

```
.background{ background-color: rgb(254,  
239, 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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