

Converting Colors

CIE LCh(95, 8.106, 334.670)

Have a look what the booklet for
CIELCh(95, 8.106, 334.670) contains.

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Color

CIELCh(95, 8.026, 335.184)

Conversions

Conversions Part 1

Format	Color
Hex	FCECF7
RGB	252, 236, 247
RGB Percent	99%, 93%, 97%
CMY	0.0107, 0.0735, 0.0303
CMYK	0.00, 0.06, 0.02, 0.01
HSL	319°, 75%, 96%
HSV	319°, 6%, 99%
XYZ	87.1408, 87.6183, 100.5283
YIQ	242.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

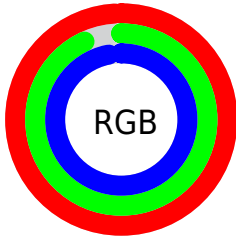
Format	Color
R _Y B	252, 236, 247
Decimal	16575735
CIE Lab	95.00, 7.28, -3.37
CIE LCh	95, 8.026, 335.184
Yxy	87.6183, 0.3165, 0.3183
Android (android.graphics.Color)	4294765815 (0xFFFCECF7)
YUV	242.0380, 2.4463, 8.7367
Hunter-Lab	93.6047, 2.3656, 1.8478

Details

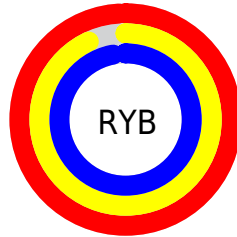
The CIELCh color `95, 8.026, 335.184` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 7.984, 154.404`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.168, 333.436` is the 20% darker color. If you saturate the color by 10%, you get `89, 20.826, 335.944`, and if you desaturate by 10%, it is `100, 0.950, 200.043`.

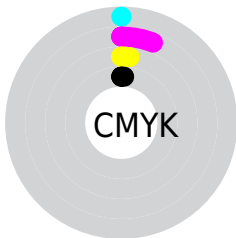
Distribution



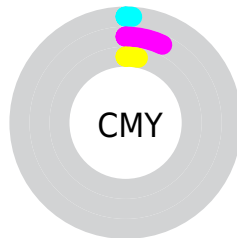
- Red (99%)
- Green (93%)
- Blue (97%)



- Red (99%)
- Yellow (93%)
- Blue (97%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.026, 335.184 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, 8.026, 335.184 by changing the saturation by 10% instead.

 95, 8.026, 335.184

 95, 8.026, 335.184

 100, 8.026,
335.184

 85, 8.026, 335.184

 75, 8.026, 335.184

 65, 8.026, 335.184

 55, 8.026, 335.184

 45, 8.026, 335.184

 35, 8.026, 335.184

 25, 8.026, 335.184

 15, 8.026, 335.184

 5, 8.026, 335.184

95, 8.026, 335.184

95, 8.026, 335.184

89, 20.826,
335.944

100, 0.950,
200.043

83, 33.679,
336.728

77, 46.320,
337.566

72, 58.362,
338.476

67, 69.289,
339.483

63, 78.483,
340.623

60, 85.319,
341.953

57, 89.344,
343.548

■ 56, 90.511,
345.495

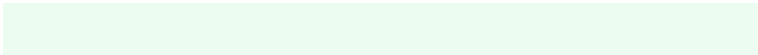
Harmonies

Complementary

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



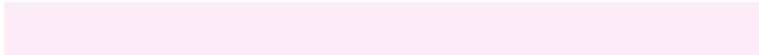
95, 8.026, 335.184



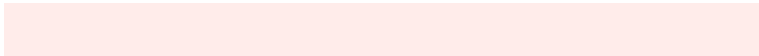
98, 7.984, 154.404

Rectangle

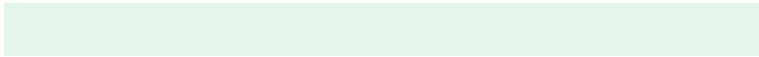
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



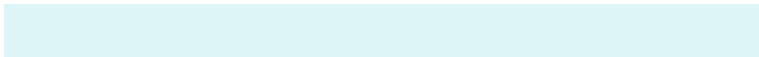
95, 8.026, 335.184



95, 8.026, 25.184



95, 8.026, 155.184



95, 8.026, 205.184

Sweetspot

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



95, 8.023, 335.187



99, 2.547, 334.776



94, 8.434, 302.167



53, 1.448, 334.761



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, 8.023, 335.187



95, 10.224, 335.315



95, 5.953, 3.736



49, 7.155, 335.428



42, 73.011, 345.858



10, 33.885, 342.983

Inverse Universe

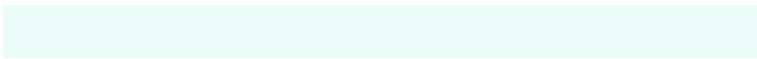
The Inverse Universe completely reimagines the original color for something new.



95, 8.023, 335.187



95, 10.224, 335.315



98, 5.801, 182.789



49, 7.155, 335.428



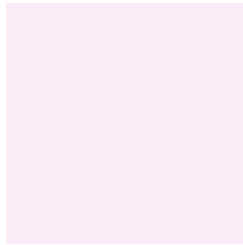
42, 73.011, 345.858



10, 33.885, 342.983

Previews

White Background



This preview shows how the CIELCh color 95, 8.026, 335.184 looks on a white background.

Color Contrast Check

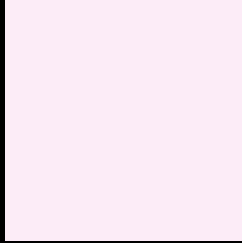
Large Text (above 18pt) WCAG AA × Fail

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 95, 8.026, 335.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

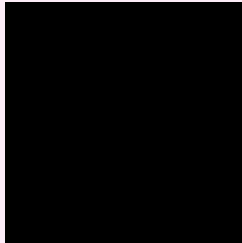
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.026, 335.184

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.026, 335.184.

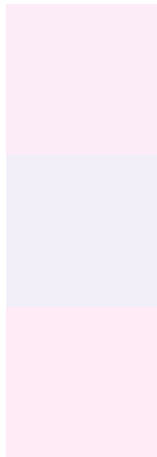


This preview shows how white text looks on a background with the CIELCh color 95, 8.026, 335.184.

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, 8.026, 335.184

Protanopia

95, 5.267, 302.023

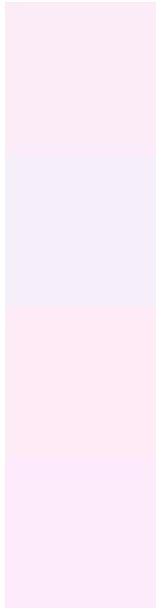
Deuteranopia

95, 9.093, 341.628



Tritanopia
95, 11.671, 323.389

Trichromacy



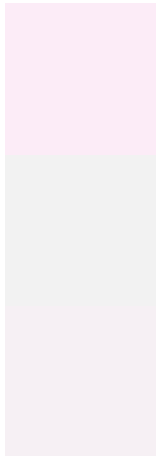
Original Color
95, 8.026, 335.184

Protanomaly
95, 5.891, 318.948

Deuteranomaly
95, 8.818, 340.158

Tritanomaly
95, 10.828, 326.339

Monochromacy



Original Color
95, 8.026, 335.184

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.972, 335.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.026, 335.184 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, 236, 247)` looks like.

```
.text, #text, p{  
    color:rgb(252, 236, 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(252, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 236, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.026, 335.184 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, 236, 247) }
```

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

```
.border{ border-color:rgb(252, 236, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 236, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 236, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 236, 247);  
box-shadow:4px 4px 4px 4px rgb(252, 236,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.026, 335.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 236, 247) }
```

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

```
.background{ background-color: rgb(252,  
236, 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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