

Converting Colors

CIELCh(96, 21.180, 305.670)

Have a look what the booklet for
CIELCh(96, 21.180, 305.670)
contains.

CIELCh(95, 10.674, 320.097)	3
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Color

CIELCh(95, 10.674, 320.097)

Conversions

Conversions Part 1

Format	Color
Hex	FBECFE
RGB	251, 236, 254
RGB Percent	98%, 93%, 100%
CMY	0.0159, 0.0746, 0.0041
CMYK	0.01, 0.07, 0.00, 0.00
HSL	290°, 89%, 96%
HSV	290°, 7%, 100%
XYZ	87.6280, 87.6183, 106.0122
YIQ	242.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

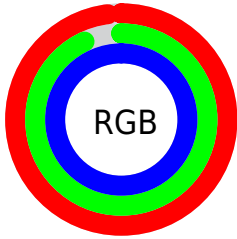
Format	Color
R_{YB}	251, 236, 254
Decimal	16510206
CIE _{Lab}	95.00, 8.19, -6.85
CIE _{LCh}	95, 10.674, 320.097
Yxy	87.6183, 0.3116, 0.3115
Android (android.graphics.Color)	4294700286 (0xFFFFBECFE)
YUV	242.5370, 5.6513, 7.4221
Hunter-Lab	93.6047, 3.2946, -1.6258

Details

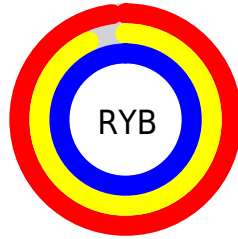
The CIELCh color `95, 10.674, 320.097` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 10.624, 139.485`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 10.566, 319.876` is the 20% darker color. If you saturate the color by 10%, you get `89, 25.939, 320.573`, and if you desaturate by 10%, it is `100, 0.524, 109.991`.

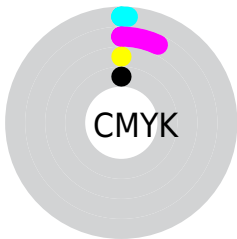
Distribution



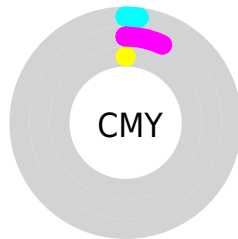
- Red (98%)
- Green (93%)
- Blue (100%)



- Red (98%)
- Yellow (93%)
- Blue (100%)



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





- Cyan (2%)
- Magenta (7%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.674, 320.097 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, 10.674, 320.097 by changing the saturation by 10% instead.


 95, 10.674,
320.097


 95, 10.674,
320.097


 100, 10.674,
320.097


 85, 10.674,
320.097


 75, 10.674,
320.097

 65, 10.674,
320.097

 55, 10.674,
320.097

 45, 10.674,
320.097

 35, 10.674,
320.097

 25, 10.674,

320.097

■ 15, 10.674,
320.097

■ 5, 10.674, 320.097

■ 95, 10.674,
320.097

■ 95, 10.674,
320.097

■ 89, 25.939,
320.573

100, 0.524,
109.991

■ 82, 41.304,
321.036

■ 76, 56.512,
321.477

■ 71, 71.187,
321.870

■ 66, 84.811,
322.185

■ 61, 96.736,
322.384

■ 58, 106.263,
322.426

■ 55, 112.823,
322.272

■ 53, 116.251,
321.902

Harmonies

Complementary

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



95, 10.674, 320.097



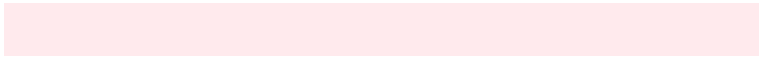
98, 10.624, 139.485

Rectangle

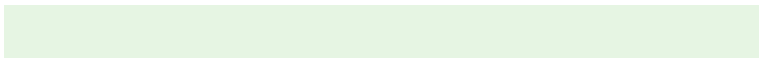
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 10.674, 320.097



95, 10.674, 10.097



95, 10.674, 140.097



95, 10.674, 190.097

Sweetspot

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



95, 10.671, 320.096



99, 3.016, 319.802



95, 7.619, 282.237



53, 1.715, 319.793



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, 10.671, 320.096



95, 12.107, 320.141



95, 8.985, 335.415



50, 8.615, 320.214



40, 94.426, 321.875



10, 43.331, 322.605

Inverse Universe

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



95, 6.621, 6.370



95, 7.526, 6.470



98, 8.940, 154.511



50, 5.371, 6.631



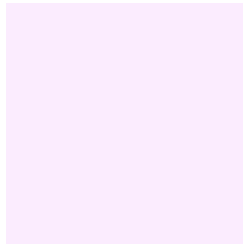
40, 76.621, 31.975



10, 32.181, 20.302

Previews

White Background



This preview shows how the CIELCh color 95, 10.674, 320.097 looks on a white background.

Color Contrast Check

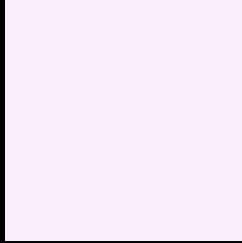
Large Text (above 18pt) WCAG AA × Fail

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, 10.674, 320.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

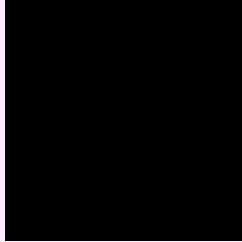
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

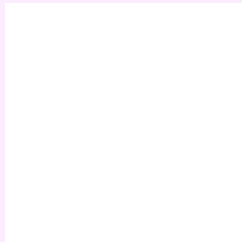
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 10.674, 320.097

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.674, 320.097.

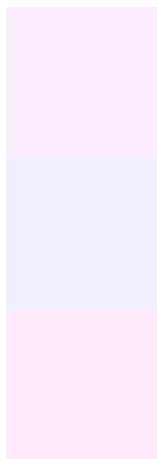


This preview shows how white text looks on a background with the CIELCh color 95, 10.674, 320.097.

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, 10.683, 320.098

Protanopia

95, 8.243, 293.212

Deuteranopia

95, 11.254, 329.283



Tritanopia
95, 10.683, 320.098

Trichromacy



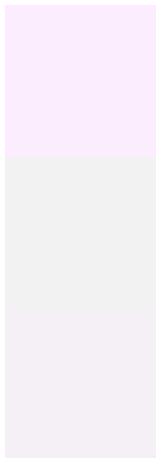
Original Color
95, 10.683, 320.098

Protanomaly
95, 9.018, 304.126

Deuteranomaly
95, 11.446, 326.278

Tritanomaly
95, 10.683, 320.098

Monochromacy



Original Color
95, 10.683, 320.098

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.572, 319.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.674, 320.097 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(251, 236, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 236, 254)  
}
```

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(251, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 236, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.674, 320.097 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(251, 236, 254) }
```

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

```
.border{ border-color:rgb(251, 236, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 236, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 236, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 236, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 236,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.674, 320.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 236, 254) }
```

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

```
.background{ background-color: rgb(251,  
236, 254) }
```

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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