

Converting Colors

CIELCh(100, 25.783, 6.456)

Have a look what the booklet for
CIELCh(100, 25.783, 6.456) contains.

CIELCh(95, 9.242, 333.834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 9.242, 333.834)

Conversions

Conversions Part 1

Format	Color
Hex	FEECF9
RGB	254, 236, 249
RGB Percent	100%, 93%, 98%
CMY	0.0053, 0.0758, 0.0249
CMYK	0.00, 0.07, 0.02, 0.01
HSL	317°, 87%, 96%
HSV	317°, 7%, 99%
XYZ	87.6855, 87.6183, 101.6270
YIQ	242.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

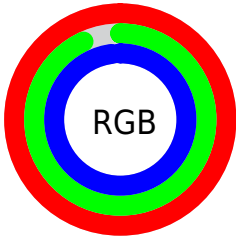
Format	Color
R _Y B	254, 236, 249
Decimal	16706809
CIE Lab	95.00, 8.29, -4.08
CIE LCh	95, 9.242, 333.834
Yxy	87.6183, 0.3166, 0.3164
Android (android.graphics.Color)	4294896889 (0xFFFEECF9)
YUV	242.8640, 3.0250, 9.7663
Hunter-Lab	93.6047, 3.4043, 1.1519

Details

The CIELCh color **95, 9.242, 333.834** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 9.199, 152.961**, 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, 9.456, 332.309** is the 20% darker color. If you saturate the color by 10%, you get **89, 22.424, 334.563**, and if you desaturate by 10%, it is **100, 0.471, 200.783**.

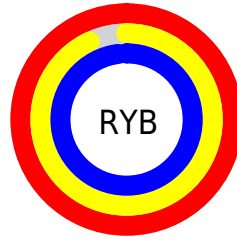
Distribution



Red (100%)

Green (93%)

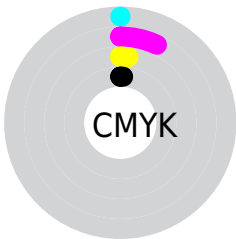
Blue (98%)



Red (100%)

Yellow (93%)

Blue (98%)

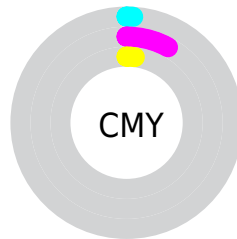


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.242, 333.834 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, 9.242, 333.834 by changing the saturation by 10% instead.

 95, 9.242, 333.834

 95, 9.242, 333.834

 100, 9.242,
333.834

 85, 9.242, 333.834

 75, 9.242, 333.834

 65, 9.242, 333.834

 55, 9.242, 333.834

 45, 9.242, 333.834

 35, 9.242, 333.834

 25, 9.242, 333.834

 15, 9.242, 333.834

 5, 9.242, 333.834

95, 9.242, 333.834

95, 9.242, 333.834

89, 22.424,
334.563

100, 0.471,
200.783

83, 35.629,
335.312

77, 48.574,
336.105

72, 60.854,
336.955

67, 71.934,
337.879

63, 81.184,
338.907

60, 87.983,
340.084

58, 91.901,
341.472

■ 57, 92.939,
343.140

Harmonies

Complementary

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



95, 9.242, 333.834



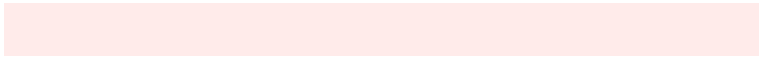
98, 9.199, 152.961

Rectangle

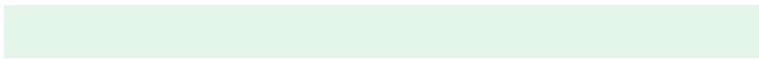
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



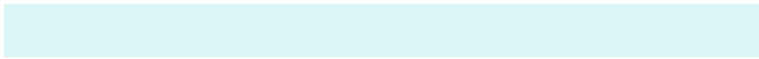
95, 9.242, 333.834



95, 9.242, 23.834



95, 9.242, 153.834



95, 9.242, 203.834

Sweetspot

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



95, 9.239, 333.836



99, 2.612, 333.385



94, 9.438, 300.982



53, 1.485, 333.371



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

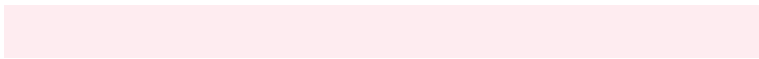
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 9.239, 333.836



94, 11.801, 333.977



95, 6.784, 1.325



50, 7.458, 334.013



43, 75.401, 343.326



11, 35.494, 341.023

Inverse Universe

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



95, 9.239, 333.836



94, 11.801, 333.977



98, 6.609, 180.187



50, 7.458, 334.013



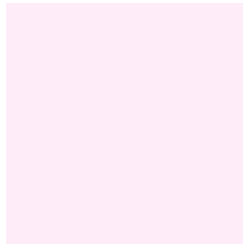
43, 75.401, 343.326



11, 35.494, 341.023

Previews

White Background



This preview shows how the CIE LCh color 95, 9.242, 333.834 looks on a white background.

Color Contrast Check

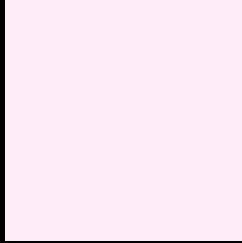
Large Text (above 18pt) WCAG AA × Fail

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, 9.242, 333.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

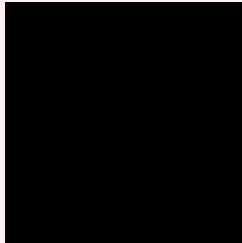
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 9.242, 333.834

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.242, 333.834.



This preview shows how white text looks on a background with the CIELCh color 95, 9.242, 333.834.

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, 9.249, 333.836

Protanopia

95, 6.277, 300.207

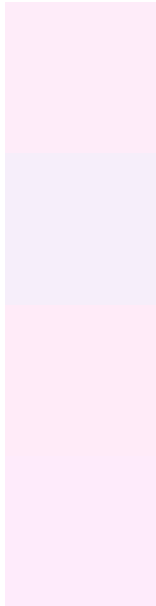
Deuteranopia

95, 9.417, 339.180



Tritanopia
95, 11.446, 326.278

Trichromacy



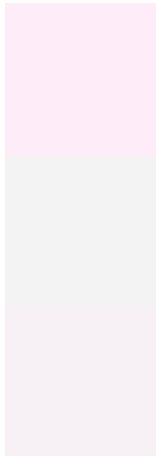
Original Color
95, 9.249, 333.836

Protanomaly
95, 6.809, 314.838

Deuteranomaly
95, 9.757, 336.903

Tritanomaly
95, 10.637, 329.520

Monochromacy



Original Color
95, 9.249, 333.836

Achromatopsia
96, 0.011, 296.813

Achromatomaly
95, 3.586, 333.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.242, 333.834 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, 236, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 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(254, 236, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.242, 333.834 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, 236, 249) }
```

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

```
.border{ border-color:rgb(254, 236, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.242, 333.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 249) }
```

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

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