

Converting Colors

CIELCh(95, 7.489, 338.869)

Have a look what the booklet for
CIELCh(95, 7.489, 338.869) contains.

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Color

CIELCh(95, 7.675, 337.897)

Conversions

Conversions Part 1

Format	Color
Hex	FCECF6
RGB	252, 236, 246
RGB Percent	99%, 93%, 96%
CMY	0.0104, 0.0732, 0.0340
CMYK	0.00, 0.06, 0.02, 0.01
HSL	323°, 75%, 96%
HSV	323°, 6%, 99%
XYZ	87.0472, 87.6183, 99.7858
YIQ	241.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

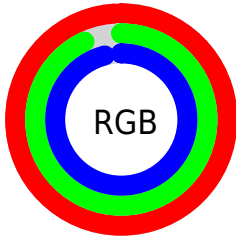
Format	Color
R _Y B	252, 236, 246
Decimal	16575734
CIE Lab	95.00, 7.11, -2.89
CIE LCh	95, 7.675, 337.897
Yxy	87.6183, 0.3172, 0.3192
Android (android.graphics.Color)	4294765814 (0xFFFC6CF6)
YUV	241.9240, 2.0095, 8.8367
Hunter-Lab	93.6047, 2.1871, 2.3181

Details

The CIELCh color $95, 7.675, 337.897$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $98, 7.625, 157.075$, 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 $75, 7.787, 336.158$ is the 20% darker color. If you saturate the color by 10%, you get $89, 19.939, 338.717$, and if you desaturate by 10%, it is $100, 0.924, 200.064$.

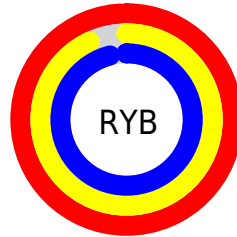
Distribution



Red (99%)

Green (93%)

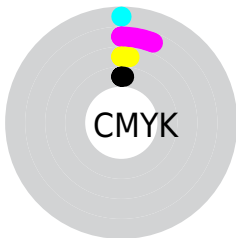
Blue (96%)



Red (99%)

Yellow (93%)

Blue (96%)

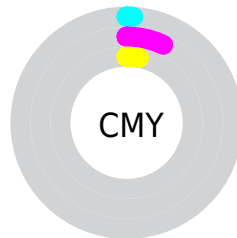


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.675, 337.897 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, 7.675, 337.897 by changing the saturation by 10% instead.

 95, 7.675, 337.897

 95, 7.675, 337.897

 100, 7.675,
337.897

 85, 7.675, 337.897

 75, 7.675, 337.897

 65, 7.675, 337.897

 55, 7.675, 337.897

 45, 7.675, 337.897

 35, 7.675, 337.897

 25, 7.675, 337.897

 15, 7.675, 337.897

 5, 7.675, 337.897

95, 7.675, 337.897

95, 7.675, 337.897

89, 19.939,
338.717

100, 0.924,
200.064

83, 32.284,
339.574

77, 44.458,
340.508

71, 56.090,
341.548

67, 66.678,
342.730

62, 75.611,
344.111

59, 82.269,
345.770

57, 86.206,
347.814

■ 56, 87.386,
350.359

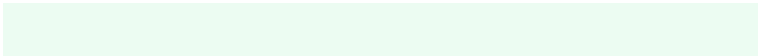
Harmonies

Complementary

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



95, 7.675, 337.897



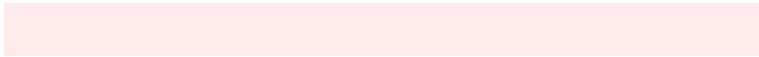
98, 7.625, 157.075

Rectangle

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



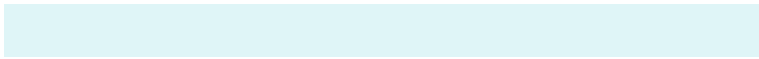
95, 7.675, 337.897



95, 7.675, 27.897



95, 7.675, 157.897



95, 7.675, 207.897

Sweetspot

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



95, 7.672, 337.901



99, 2.435, 337.458



94, 8.519, 304.606



53, 1.384, 337.442



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

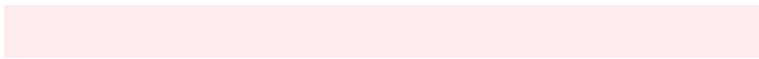
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 7.672, 337.901



95, 9.778, 338.039



95, 5.831, 8.905



49, 6.844, 338.159



41, 70.492, 350.833



10, 32.730, 347.027

Inverse Universe

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



95, 7.672, 337.901



95, 9.778, 338.039



98, 5.655, 188.049



49, 6.844, 338.159



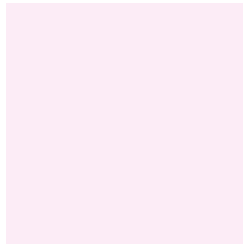
41, 70.492, 350.833



10, 32.730, 347.027

Previews

White Background



This preview shows how the CIELCh color 95, 7.675, 337.897 looks on a white background.

Color Contrast Check

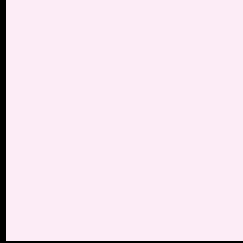
Large Text (above 18pt) WCAG AA × Fail

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, 7.675, 337.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

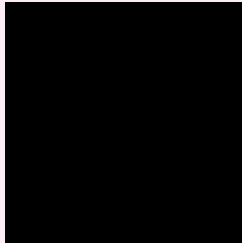
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.675, 337.897

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.675, 337.897.

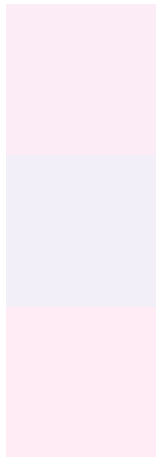


This preview shows how white text looks on a background with the CIELCh color 95, 7.675, 337.897.

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, 7.675, 337.897

Protanopia

95, 4.857, 307.249

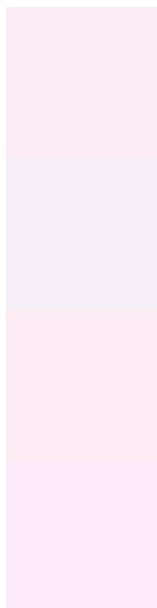
Deuteranopia

95, 8.198, 345.671



Tritanopia
95, 11.671, 323.389

Trichromacy



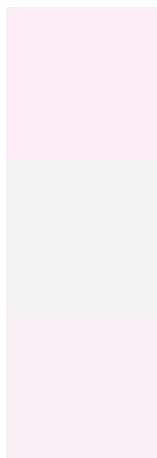
Original Color
95, 7.675, 337.897

Protanomaly
95, 5.446, 321.526

Deuteranomaly
95, 7.907, 344.181

Tritanomaly
95, 10.419, 327.995

Monochromacy



Original Color
95, 7.675, 337.897

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, 7.675, 337.897 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(252, 236, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 236, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.675, 337.897 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, 246) }
```

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

```
.border{ border-color:rgb(252, 236, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 236, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 236, 246);  
box-shadow:4px 4px 4px 4px rgb(252, 236,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.675, 337.897 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, 246) }
```

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

```
.background{ background-color: rgb(252,  
236, 246) }
```

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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