

Converting Colors

CIELCh(95, 6.363, 5.783)

Have a look what the booklet for
CIELCh(95, 6.363, 5.783) contains.

CIELCh(95, 6.272, 5.574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 6.272, 5.574)

Conversions

Conversions Part 1

Format	Color
Hex	FEEDF0
RGB	254, 237, 240
RGB Percent	100%, 93%, 94%
CMY	0.0054, 0.0720, 0.0603
CMYK	0.00, 0.07, 0.06, 0.01
HSL	349°, 86%, 96%
HSV	349°, 7%, 99%
XYZ	86.5809, 87.6183, 94.4933
YIQ	242.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 237, 240
Decimal	16707056
CIE Lab	95.00, 6.24, 0.61
CIE LCh	95, 6.272, 5.574
Yxy	87.6183, 0.3222, 0.3261
Android (android.graphics.Color)	4294897136 (0xFFFEEDF0)
YUV	242.4250, -1.1955, 10.1513
Hunter-Lab	93.6047, 1.2979, 5.6704

Details

The CIELCh color **95, 6.272, 5.574** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 6.091, 184.592**, 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, 6.238, 4.871** is the 20% darker color. If you saturate the color by 10%, you get **88, 16.069, 6.693**, and if you desaturate by 10%, it is **100, 0.480, 200.757**.

Distribution



Red (100%)

Green (93%)

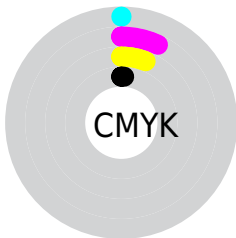
Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)

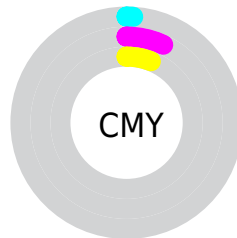


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.272, 5.574 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, 6.272, 5.574 by changing the saturation by 10% instead.

 95, 6.272, 5.574

 95, 6.272, 5.574

 100, 6.272, 5.574

 85, 6.272, 5.574

 75, 6.272, 5.574

 65, 6.272, 5.574

 55, 6.272, 5.574

 45, 6.272, 5.574

 35, 6.272, 5.574

 25, 6.272, 5.574

 15, 6.272, 5.574

 5, 6.272, 5.574

95, 6.272, 5.574

95, 6.272, 5.574

88, 16.069, 6.693

100, 0.480,
200.757

82, 26.364, 7.960

76, 37.044, 9.496

70, 47.900, 11.403

65, 58.613, 13.809

60, 68.776, 16.868

57, 77.995, 20.718

55, 86.037, 25.392

53, 92.897, 30.629

Harmonies

Complementary

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



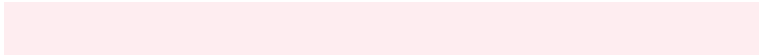
95, 6.272, 5.574



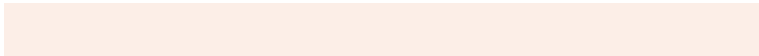
98, 6.091, 184.592

Rectangle

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



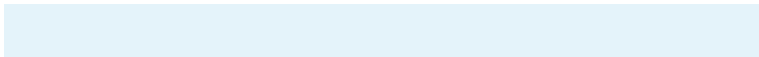
95, 6.272, 5.574



95, 6.272, 55.574



95, 6.272, 185.574



95, 6.272, 235.574

Sweetspot

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



95, 6.270, 5.590



99, 1.858, 4.921



95, 10.034, 319.584



53, 1.056, 4.895



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

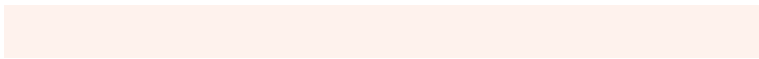
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.270, 5.590



95, 7.548, 5.732



96, 4.971, 53.018



50, 5.387, 5.895



40, 76.134, 31.317



10, 32.125, 19.873

Inverse Universe

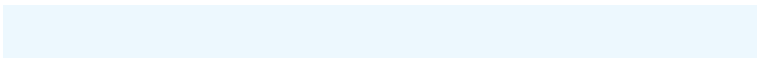
The Inverse Universe completely reimagines the original color for something new.



95, 6.270, 5.590



95, 7.548, 5.732



97, 4.807, 234.286



50, 5.387, 5.895



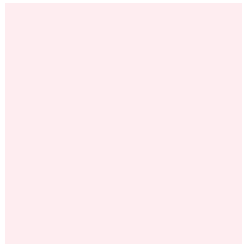
40, 76.134, 31.317



10, 32.125, 19.873

Previews

White Background



This preview shows how the CIELCh color 95, 6.272, 5.574 looks on a white background.

Color Contrast Check

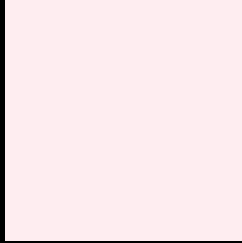
Large Text (above 18pt) WCAG AA × Fail

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, 6.272, 5.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

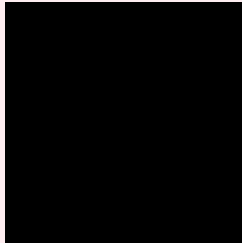
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

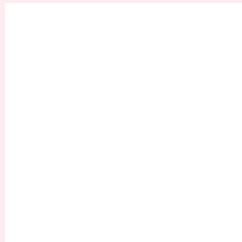
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.272, 5.574

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.272, 5.574.

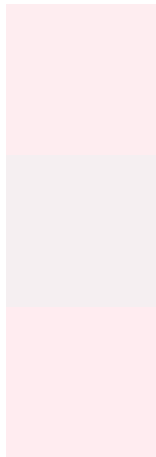


This preview shows how white text looks on a background with the CIELCh color 95, 6.272, 5.574.

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, 6.272, 5.574

Protanopia

95, 2.374, 353.688

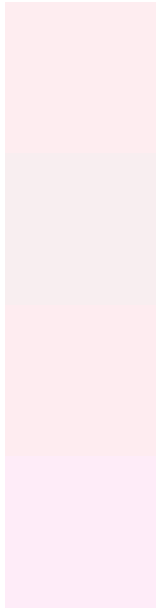
Deuteranopia

95, 7.104, 3.065



Tritanopia
95, 11.655, 327.699

Trichromacy



Original Color

95, 6.272, 5.574

Protanomaly

95, 3.711, 3.456

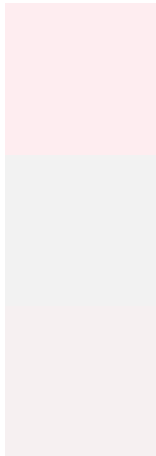
Deuteranomaly

95, 6.760, 2.149

Tritanomaly

95, 8.888, 336.120

Monochromacy



Original Color

95, 6.272, 5.574

Achromatopsia

95, 0.011, 296.813

Achromatomaly

95, 2.195, 5.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.272, 5.574 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, 237, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 240)  
}
```

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, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.272, 5.574 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, 237, 240) }
```

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

```
.border{ border-color:rgb(254, 237, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.272, 5.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 240) }
```

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

```
.background{ background-color: rgb(254,  
237, 240) }
```

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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