

# Converting Colors

CIELCh(100, 26.323, 18.191)

Have a look what the booklet for  
CIELCh(100, 26.323, 18.191)  
contains.

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# Color

**CIELCh(95, 6.622, 6.372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEECEF
RGB	254, 236, 239
RGB Percent	100%, 93%, 94%
CMY	0.0024, 0.0729, 0.0612
CMYK	0.00, 0.07, 0.06, 0.00
HSL	350°, 94%, 96%
HSV	350°, 7%, 100%
XYZ	86.7626, 87.6183, 94.3066
YIQ	241.7240, 9.7650, 4.7490

# Conversions

## Conversions Part 2

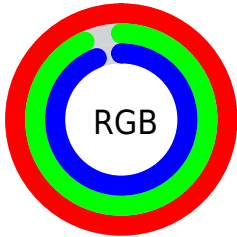
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	254, 236, 239
Decimal	16706799
CIE Lab	95.00, 6.58, 0.73
CIE LCh	95, 6.622, 6.372
Yxy	87.6183, 0.3229, 0.3261
Android (android.graphics.Color)	4294896879 (0xFFFECECF)
YUV	241.7240, -1.3429, 10.7661
Hunter-Lab	93.6047, 1.6443, 5.7886

# Details

The CIELCh color **95, 6.622, 6.372** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 6.416, 185.324**, 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, 6.613, 5.771** is the 20% darker color. If you saturate the color by 10%, you get **88, 16.443, 7.487**, and if you desaturate by 10%, it is **100, 0.212, 202.515**.

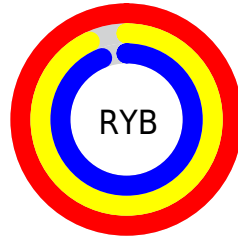
# Distribution



Red (100%)

Green (93%)

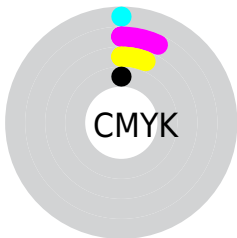
Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)

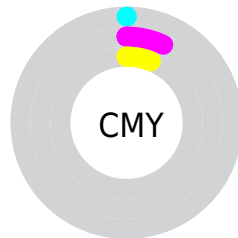


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.622, 6.372 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, 6.622, 6.372 by changing the saturation by 10% instead.



 95, 6.622, 6.372

 95, 6.622, 6.372

 100, 6.622, 6.372

 85, 6.622, 6.372

 75, 6.622, 6.372

 65, 6.622, 6.372

 55, 6.622, 6.372

 45, 6.622, 6.372

 35, 6.622, 6.372

 25, 6.622, 6.372

 15, 6.622, 6.372

 5, 6.622, 6.372

95, 6.622, 6.372

95, 6.622, 6.372

88, 16.443, 7.487

100, 0.212,  
202.515

82, 26.775, 8.758

76, 37.504, 10.304

70, 48.423, 12.229

65, 59.213, 14.663

60, 69.469, 17.757

57, 78.802, 21.644

55, 86.980, 26.334

54, 93.965, 31.517

# Harmonies

# Complementary

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



95, 6.622, 6.372



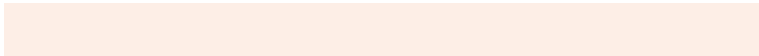
98, 6.416, 185.324

# Rectangle

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



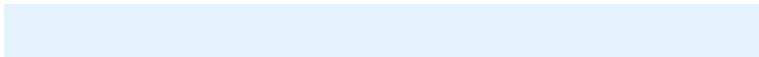
95, 6.622, 6.372



95, 6.622, 56.372



95, 6.622, 186.372



95, 6.622, 236.372

# Sweetspot

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



95, 6.620, 6.387



99, 1.851, 5.679



95, 10.671, 320.097



53, 1.052, 5.653



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

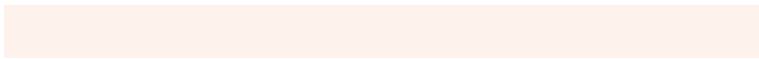
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.620, 6.387



95, 7.525, 6.488



96, 5.263, 55.023



50, 5.371, 6.650



40, 76.633, 31.991



10, 32.183, 20.313





# Inverse Universe

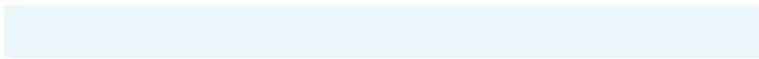
The Inverse Universe completely reimagines the original color for something new.



95, 6.620, 6.387



95, 7.525, 6.488



97, 5.087, 236.428



50, 5.371, 6.650



40, 76.633, 31.991

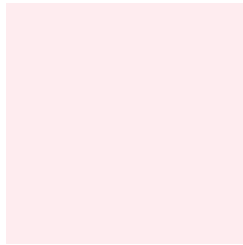


10, 32.183, 20.313



# Previews

## White Background



This preview shows how the CIELCh color 95, 6.622, 6.372 looks on a white background.

## Color Contrast Check

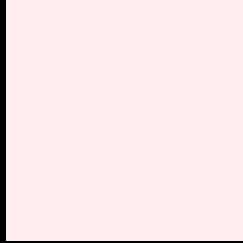
Large Text (above 18pt) WCAG AA × Fail

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, 6.622, 6.372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

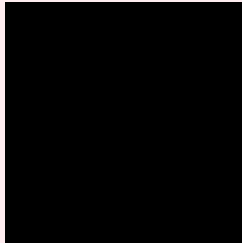
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

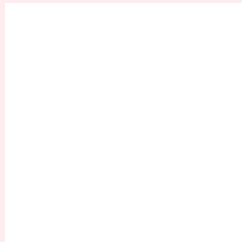
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 95, 6.622, 6.372

## Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.622, 6.372.

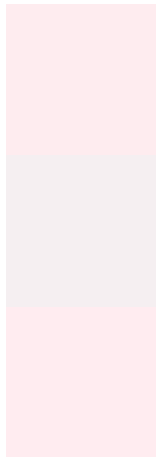


This preview shows how white text looks on a background with the CIELCh color 95, 6.622, 6.372.

# 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, 6.628, 6.375

### Protanopia

95, 2.374, 353.688

### Deuteranopia

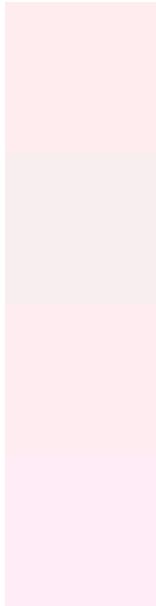
95, 7.104, 3.065



**Tritanopia**  
95, 11.254, 329.283



# Trichromacy



## Original Color

95, 6.628, 6.375

## Protanomaly

95, 3.711, 3.456

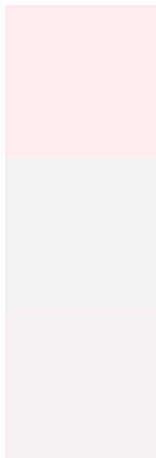
## Deuteranomaly

95, 7.104, 3.065

## Tritanomaly

95, 8.811, 340.156

# Monochromacy



## Original Color

95, 6.628, 6.375

## Achromatopsia

95, 0.011, 296.813

## Achromatomaly

95, 2.542, 7.704

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 95, 6.622, 6.372 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 239) }
```

## Border

The CSS property to change the border of an element to CIELCh 95, 6.622, 6.372 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, 239) }
```

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

```
.border{ border-color:rgb(254, 236, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 239);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
239) }
```

# Background

The CSS property to change the background color of an element to CIELCh 95, 6.622, 6.372 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, 239) }
```

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

```
.background{ background-color: rgb(254,  
236, 239) }
```

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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