

Converting Colors

CIELCh(95, 6.505, 8.967)

Have a look what the booklet for
CIELCh(95, 6.505, 8.967) contains.

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Color

CIELCh(95, 6.628, 6.375)

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	86.7658, 87.6183, 94.3051
YIQ	241.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

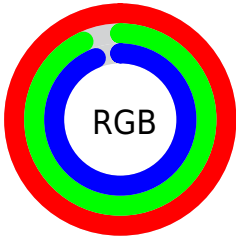
Format	Color
R _{YB}	254, 236, 239
Decimal	16706799
CIE Lab	95.00, 6.59, 0.74
CIE LCh	95, 6.628, 6.375
Yxy	87.6183, 0.3229, 0.3261
Android (android.graphics.Color)	4294896879 (0xFFFECEEF)
YUV	241.7240, -1.3429, 10.7661
Hunter-Lab	93.6047, 1.6504, 5.7896

Details

The CIELCh color **95, 6.628, 6.375** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **98, 6.422, 185.326**, 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, 16.450, 7.490**, and if you desaturate by 10%, it is **100, 0.208, 202.580**.

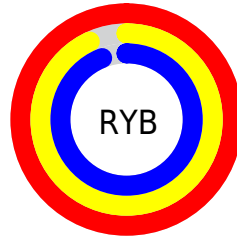
Distribution



Red (100%)

Green (93%)

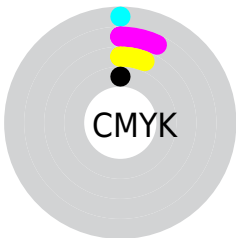
Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)

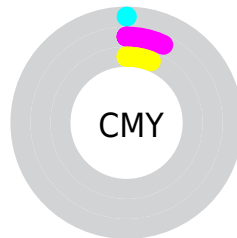


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.628, 6.375 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, 6.628, 6.375 by changing the saturation by 10% instead.

 95, 6.628, 6.375

 95, 6.628, 6.375

 100, 6.628, 6.375

 85, 6.628, 6.375

 75, 6.628, 6.375

 65, 6.628, 6.375

 55, 6.628, 6.375

 45, 6.628, 6.375

 35, 6.628, 6.375

 25, 6.628, 6.375

 15, 6.628, 6.375

 5, 6.628, 6.375

95, 6.628, 6.375

95, 6.628, 6.375

88, 16.450, 7.490

100, 0.208,
202.580

82, 26.782, 8.761

76, 37.512, 10.307

70, 48.432, 12.232

65, 59.222, 14.667

60, 69.479, 17.762

57, 78.811, 21.649

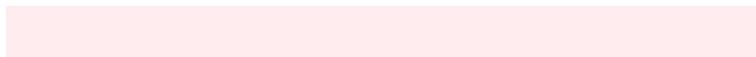
55, 86.989, 26.340

54, 93.974, 31.523

Harmonies

Complementary

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



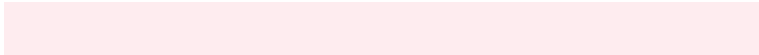
95, 6.628, 6.375



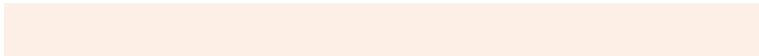
98, 6.422, 185.326

Rectangle

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



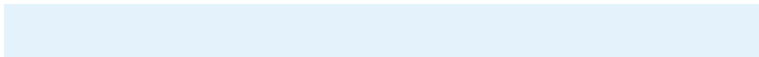
95, 6.628, 6.375



95, 6.628, 56.375



95, 6.628, 186.375



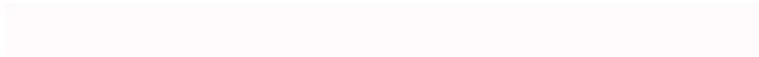
95, 6.628, 236.375

Sweetspot

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



95, 6.626, 6.390



99, 1.851, 5.682



95, 10.680, 320.097



53, 1.052, 5.655



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

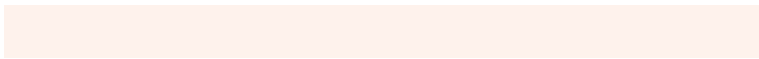
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.626, 6.390



95, 7.525, 6.490



96, 5.268, 55.023



50, 5.371, 6.652



40, 76.634, 31.993



10, 32.183, 20.314

Inverse Universe

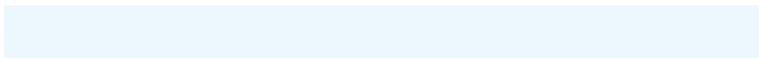
The Inverse Universe completely reimagines the original color for something new.



95, 6.626, 6.390



95, 7.525, 6.490



97, 5.092, 236.429



50, 5.371, 6.652



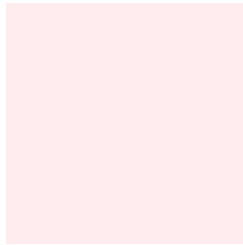
40, 76.634, 31.993



10, 32.183, 20.314

Previews

White Background



This preview shows how the CIE LCh color 95, 6.628, 6.375 looks on a white background.

Color Contrast Check

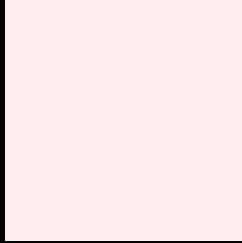
Large Text (above 18pt) WCAG AA × Fail

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, 6.628, 6.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

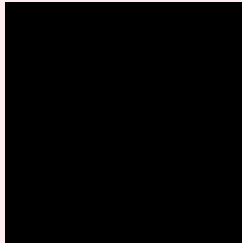
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

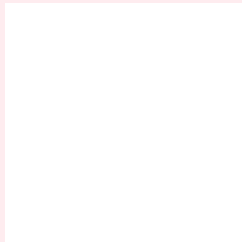
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.628, 6.375

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.628, 6.375.

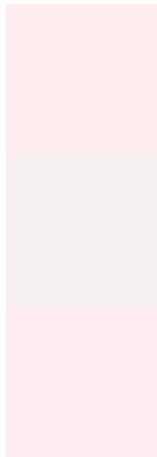


This preview shows how white text looks on a background with the CIELCh color 95, 6.628, 6.375.

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

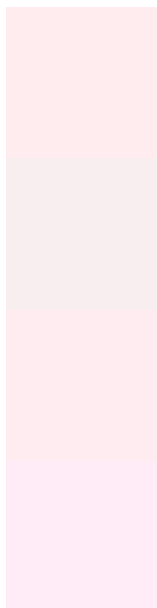
Deuteranopia

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

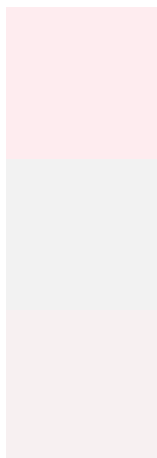
Deuteranomaly

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, 6.628, 6.375 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, 6.628, 6.375 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, 6.628, 6.375 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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