

Converting Colors

CIELCh(95, 5.636, 113.360)

Have a look what the booklet for
CIELCh(95, 5.636, 113.360) contains.

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Color

CIELCh(95, 5.638, 113.372)

Conversions

Conversions Part 1

Format	Color
Hex	F1F2E7
RGB	241, 242, 231
RGB Percent	95%, 95%, 91%
CMY	0.0566, 0.0526, 0.0958
CMYK	0.00, 0.00, 0.05, 0.05
HSL	65°, 29%, 93%
HSV	65°, 5%, 95%
XYZ	82.1161, 87.6183, 87.8692
YIQ	240.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

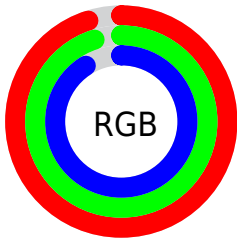
Format	Color
R _Y B	231, 242, 232
Decimal	15856359
CIE Lab	95.00, -2.24, 5.18
CIE LCh	95, 5.638, 113.372
Yxy	87.6183, 0.3188, 0.3401
Android (android.graphics.Color)	4294046439 (0xFFFF1F2E7)
YUV	240.4470, -4.6574, 0.4850
Hunter-Lab	93.6047, -7.2163, 9.8662

Details

The CIELCh color **95, 5.638, 113.372** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 5.716, 294.157**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.925, 113.268** is the 20% darker color. If you saturate the color by 10%, you get **94, 18.010, 112.557**, and if you desaturate by 10%, it is **96, 6.775, 294.212**.

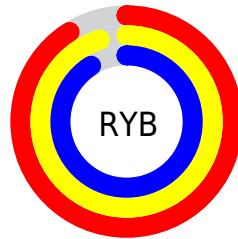
Distribution



Red (95%)

Green (95%)

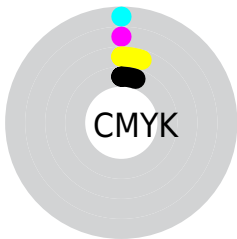
Blue (91%)



Red (91%)

Yellow (95%)

Blue (91%)

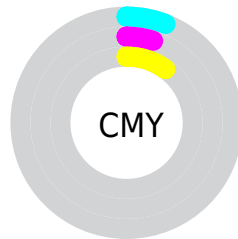


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.638, 113.372 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, 5.638, 113.372 by changing the saturation by 10% instead.

95, 5.638, 113.372

95, 5.638, 113.372

100, 5.638,
113.372

85, 5.638, 113.372

75, 5.638, 113.372

65, 5.638, 113.372

55, 5.638, 113.372

45, 5.638, 113.372

35, 5.638, 113.372

25, 5.638, 113.372

15, 5.638, 113.372

5, 5.638, 113.372

95, 5.638, 113.372

95, 5.638, 113.372

94, 18.010,
112.557

96, 6.775, 294.212

94, 30.260,
111.718

96, 7.009, 300.379

93, 42.277,
110.890

96, 7.186, 306.394

93, 53.888,
110.099

96, 7.437, 312.086

96, 7.756, 317.382

92, 64.826,
109.382


97, 8.137, 322.241

97, 8.366, 324.696

92, 74.699,
108.787

92, 82.974,
108.376

91, 89.059,
108.215

 91, 92.553,
108.355

Harmonies

Complementary

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



95, 5.638, 113.372



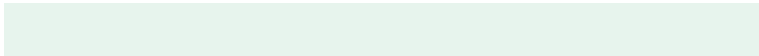
92, 5.716, 294.157

Rectangle

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



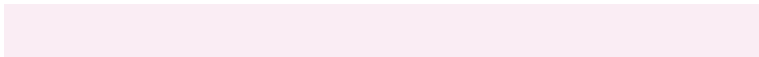
95, 5.638, 113.372



95, 5.638, 163.372



95, 5.638, 293.372



95, 5.638, 343.372

Sweetspot

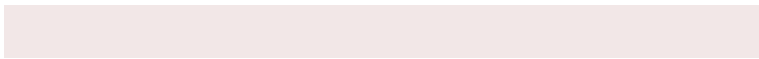
The Sweet Spot groups the original color and five complimentary colors.



95, 5.640, 113.387



100, 1.286, 113.657



93, 3.645, 26.916



53, 0.731, 113.660



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, 5.640, 113.387



100, 6.471, 113.349



95, 6.104, 131.763



50, 4.197, 113.295



71, 76.175, 108.438



22, 32.040, 108.340

Inverse Universe

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



92, 5.716, 294.157



96, 6.563, 294.197



92, 6.153, 312.088



48, 4.260, 294.256



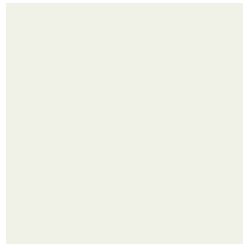
22, 104.059, 306.580



3, 38.044, 300.879

Previews

White Background



This preview shows how the CIE LCh color 95, 5.638, 113.372 looks on a white background.

Color Contrast Check

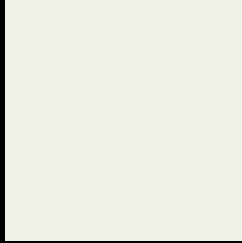
Large Text (above 18pt) WCAG AA × Fail

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, 5.638, 113.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

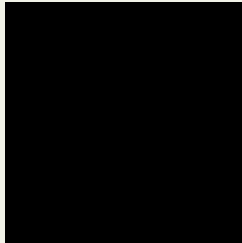
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

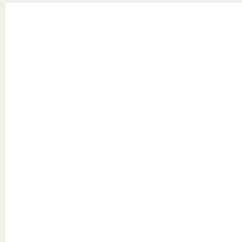
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.638, 113.372

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.638, 113.372.

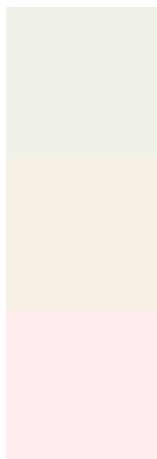


This preview shows how white text looks on a background with the CIELCh color 95, 5.638, 113.372.

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, 5.638, 113.372

Protanopia

95, 6.152, 85.446

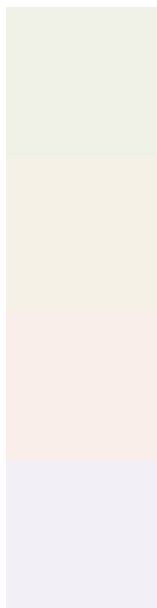
Deuteranopia

95, 6.829, 19.778



Tritanopia
95, 9.018, 304.126

Trichromacy



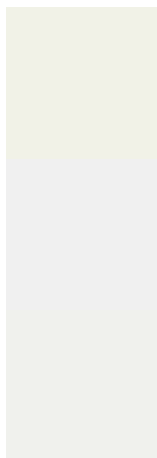
Original Color
95, 5.638, 113.372

Protanomaly
95, 5.793, 95.326

Deuteranomaly
95, 4.758, 45.007

Tritanomaly
95, 3.886, 311.601

Monochromacy



Original Color
95, 5.638, 113.372

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.075, 119.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.638, 113.372 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(241, 242, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 231)  
}
```

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(241, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.638, 113.372 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(241, 242, 231) }
```

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

```
.border{ border-color:rgb(241, 242, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 242, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 242,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.638, 113.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 231) }
```

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

```
.background{ background-color: rgb(241,  
242, 231) }
```

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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