

Converting Colors

CIELCh(95, 8.796, 87.650)

Have a look what the booklet for
CIELCh(95, 8.796, 87.650) contains.

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Color

CIELCh(95, 8.802, 87.629)

Conversions

Conversions Part 1

Format	Color
Hex	F9F0E0
RGB	249, 240, 224
RGB Percent	98%, 94%, 88%
CMY	0.0246, 0.0599, 0.1226
CMYK	0.00, 0.04, 0.10, 0.02
HSL	38°, 67%, 93%
HSV	38°, 10%, 98%
XYZ	83.4689, 87.6183, 82.8446
YIQ	240.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

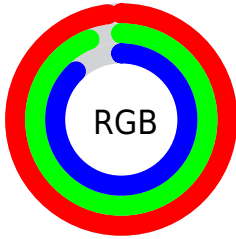
Format	Color
R_{YB}	238, 249, 224
Decimal	16380128
CIE Lab	95.00, 0.36, 8.79
CIE LCh	95, 8.802, 87.629
Yxy	87.6183, 0.3287, 0.3450
Android (android.graphics.Color)	4294570208 (0xFFFF9F0E0)
YUV	240.8670, -8.3154, 7.1326
Hunter-Lab	93.6047, -4.6366, 13.0488

Details

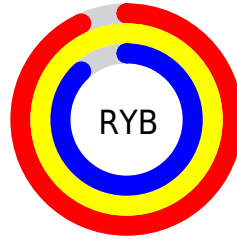
The CIELCh color **95, 8.802, 87.629** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 8.771, 270.331**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 8.622, 88.431** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.794, 86.352**, and if you desaturate by 10%, it is **98, 0.032, 79.360**.

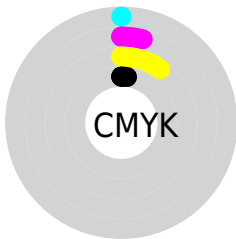
Distribution



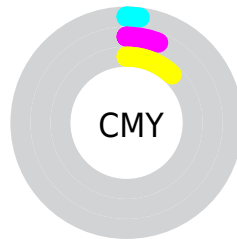
- Red (98%)
- Green (94%)
- Blue (88%)



- Red (93%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.802, 87.629 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, 8.802, 87.629 by changing the saturation by 10% instead.



95, 8.802, 87.629

95, 8.802, 87.629

92, 17.794, 86.352

98, 0.032, 79.360

90, 26.997, 85.005

100, 2.175,
199.572

87, 36.377, 83.616

84, 45.845, 82.182

82, 55.216, 80.689

79, 64.133, 79.096

77, 71.962, 77.310

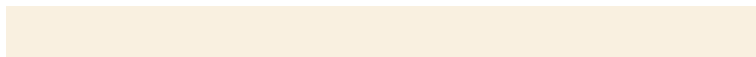
75, 77.767, 75.164

73, 80.983, 72.523

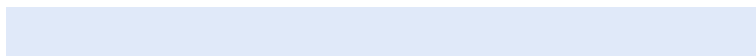
Harmonies

Complementary

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



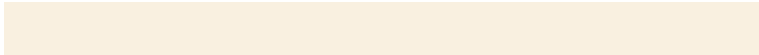
95, 8.802, 87.629



92, 8.771, 270.331

Rectangle

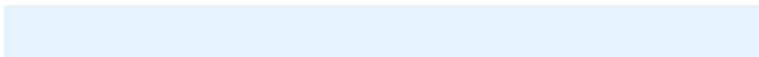
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.802, 87.629



95, 8.802, 137.629



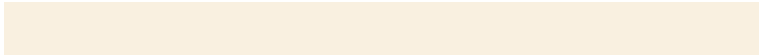
95, 8.802, 267.629



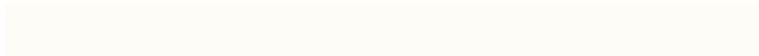
95, 8.802, 317.629

Sweetspot

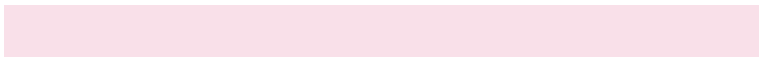
The Sweet Spot groups the original color and five complimentary colors.



95, 8.803, 87.645



99, 2.651, 88.459



91, 10.180, 352.402



53, 2.013, 88.383



0, 0.000, 0.000



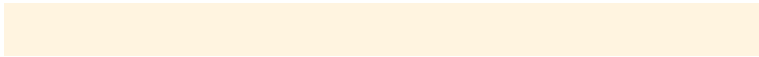
53, 0.007, 296.813

Same Dimension

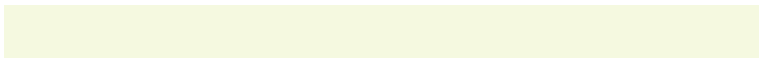
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.803, 87.645



97, 10.756, 87.396



97, 12.780, 114.637



51, 4.995, 87.714



56, 65.792, 73.098



18, 26.618, 75.827

Inverse Universe

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



92, 8.771, 270.331



93, 10.699, 270.615



90, 13.076, 296.234



49, 4.979, 270.254



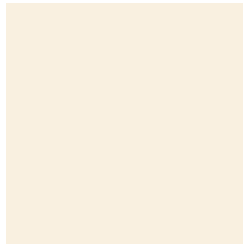
34, 74.827, 295.111



8, 29.313, 289.442

Previews

White Background



This preview shows how the CIELCh color 95, 8.802, 87.629 looks on a white background.

Color Contrast Check

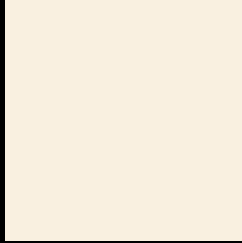
Large Text (above 18pt) WCAG AA × Fail

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, 8.802, 87.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

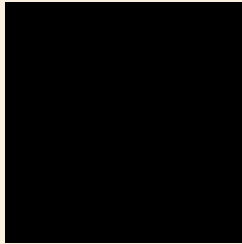
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.802, 87.629

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.802, 87.629.

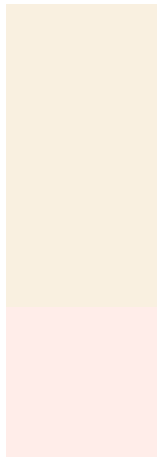


This preview shows how white text looks on a background with the CIELCh color 95, 8.802, 87.629.

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, 8.802, 87.629

Protanopia

95, 8.802, 87.629

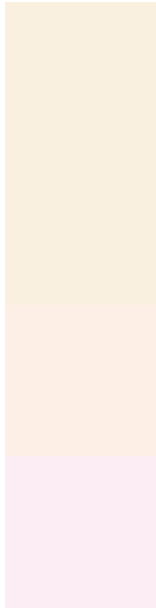
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 11.671, 323.389

Trichromacy



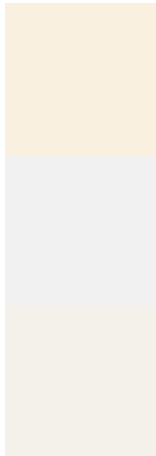
Original Color
95, 8.802, 87.629

Protanomaly
95, 8.802, 87.629

Deuteranomaly
95, 6.789, 56.639

Tritanomaly
95, 5.869, 348.093

Monochromacy



Original Color
95, 8.802, 87.629

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.235, 90.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.802, 87.629 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(249, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(249, 240, 224)  
}
```

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(249, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 240, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.802, 87.629 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(249, 240, 224) }
```

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

```
.border{ border-color:rgb(249, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(249, 240,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.802, 87.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 240, 224) }
```

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

```
.background{ background-color: rgb(249,  
240, 224) }
```

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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