

Converting Colors

CIELCh(95, 10.293, 73.795)

Have a look what the booklet for
CIELCh(95, 10.293, 73.795) contains.

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Color

CIELCh(95, 10.070, 73.824)

Conversions

Conversions Part 1

Format	Color
Hex	FEEEDE
RGB	254, 238, 222
RGB Percent	100%, 93%, 87%
CMY	0.0033, 0.0661, 0.1288
CMYK	0.00, 0.06, 0.13, 0.00
HSL	30°, 95%, 93%
HSV	30°, 13%, 100%
XYZ	84.7521, 87.6183, 81.6567
YIQ	240.9600, 14.6720, -1.5840

Conversions

Conversions Part 2

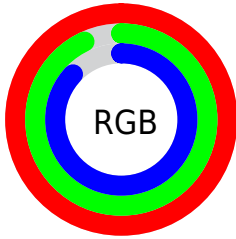
Format	Color
RYB	254, 254, 222
Decimal	16707294
CIELab	95.00, 2.81, 9.67
CIELCh	95, 10.070, 73.824
Yxy	87.6183, 0.3336, 0.3449
Android (android.graphics.Color)	4294897374 (0xFFFEED)
YUV	240.9600, -9.3473, 11.4361
Hunter-Lab	93.6047, -2.1896, 13.8012

Details

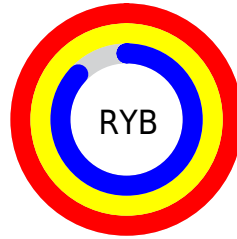
The CIELCh color **95, 10.070, 73.824** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 9.759, 257.181**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.960, 73.530** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.505, 72.602**, and if you desaturate by 10%, it is **99, 2.020, 74.902**.

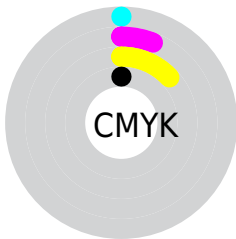
Distribution



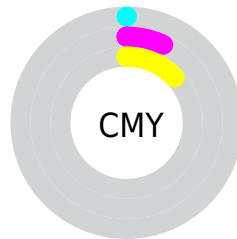
- Red (100%)
- Green (93%)
- Blue (87%)



- Red (100%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 10.070, 73.824 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, 10.070, 73.824 by changing the saturation by 10% instead.

 95, 10.070, 73.824

 95, 10.070, 73.824

 100, 10.070,
73.824

 85, 10.070, 73.824

 75, 10.070, 73.824

 65, 10.070, 73.824

 55, 10.070, 73.824

 45, 10.070, 73.824

 35, 10.070, 73.824

 25, 10.070, 73.824

 15, 10.070, 73.824

 5, 10.070, 73.824

95, 10.070, 73.824

95, 10.070, 73.824

91, 18.505, 72.602

99, 2.020, 74.902

88, 27.345, 71.337

100, 0.294,
201.644

84, 36.592, 70.058

81, 46.199, 68.763

78, 56.025, 67.426

74, 65.739, 65.978

71, 74.678, 64.258

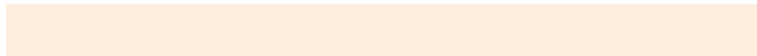
69, 81.725, 61.960

67, 85.374, 59.803

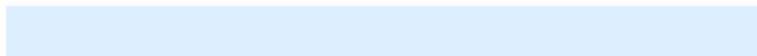
Harmonies

Complementary

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



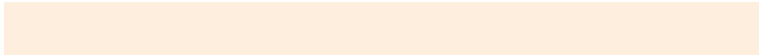
95, 10.070, 73.824



93, 9.759, 257.181

Rectangle

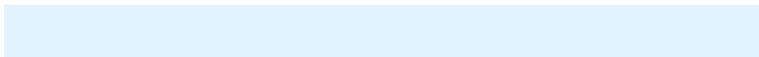
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 10.070, 73.824



95, 10.070, 123.824



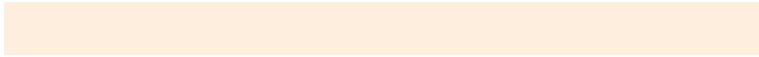
95, 10.070, 253.824



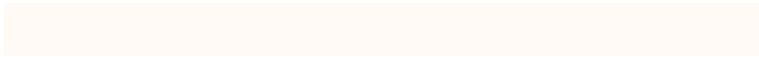
95, 10.070, 303.824

Sweetspot

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



95, 10.071, 73.840



98, 3.140, 74.807



92, 14.150, 344.697



52, 2.236, 74.737



0, 0.000, 0.000



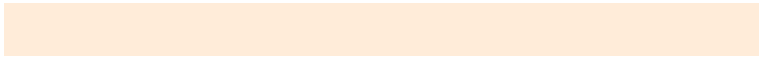
53, 0.007, 296.813

Same Dimension

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



95, 10.071, 73.840



94, 12.098, 73.546



99, 16.199, 108.950



51, 4.526, 74.210



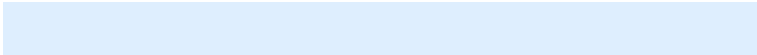
51, 68.688, 60.506



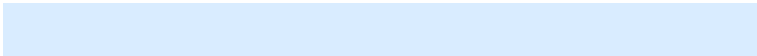
16, 27.010, 61.842

Inverse Universe

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



93, 9.759, 257.181



93, 11.641, 257.543



89, 16.676, 291.529



51, 4.425, 256.744



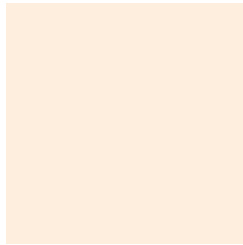
41, 58.327, 284.202



12, 23.739, 277.648

Previews

White Background



This preview shows how the CIELCh color 95, 10.070, 73.824 looks on a white background.

Color Contrast Check

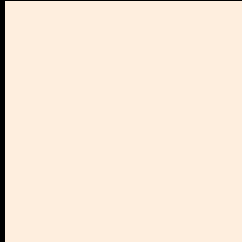
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 10.070, 73.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

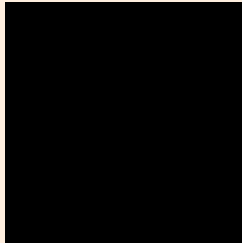
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 10.070, 73.824

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.070, 73.824.

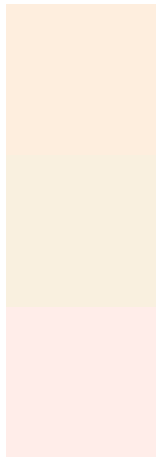


This preview shows how white text looks on a background with the CIELCh color 95, 10.070, 73.824.

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, 10.070, 73.824

Protanopia

95, 9.281, 88.740

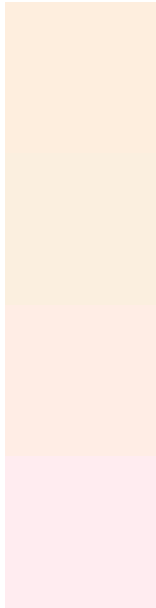
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 10.481, 332.816

Trichromacy



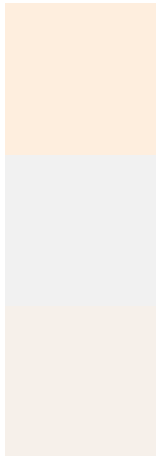
Original Color
95, 10.070, 73.824

Protanomaly
95, 9.276, 81.272

Deuteranomaly
95, 7.707, 51.734

Tritanomaly
95, 7.104, 3.065

Monochromacy



Original Color
95, 10.070, 73.824

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.728, 74.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.070, 73.824 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, 238, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 222)  
}
```

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, 238, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.070, 73.824 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, 238, 222) }
```

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

```
.border{ border-color:rgb(254, 238, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 238, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.070, 73.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 238, 222) }
```

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

```
.background{ background-color: rgb(254,  
238, 222) }
```

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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