

Converting Colors

CIELCh(95, 9.722, 69.642)

Have a look what the booklet for
CIELCh(95, 9.722, 69.642) contains.

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Color

CIELCh(95, 9.883, 70.424)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEDF
RGB	255, 238, 223
RGB Percent	100%, 93%, 87%
CMY	0.0006, 0.0672, 0.1260
CMYK	0.00, 0.07, 0.13, 0.00
HSL	28°, 99%, 94%
HSV	28°, 13%, 100%
XYZ	85.0197, 87.6183, 82.1425
YIQ	241.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

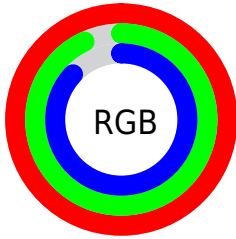
Format	Color
R_{YB}	255, 251, 223
Decimal	16772831
CIE Lab	95.00, 3.31, 9.31
CIE LCh	95, 9.883, 70.424
Yxy	87.6183, 0.3337, 0.3439
Android (android.graphics.Color)	4294962911 (0xFFFFEEDF)
YUV	241.3730, -9.0579, 11.9509
Hunter-Lab	93.6047, -1.6793, 13.4935

Details

The CIELCh color **95, 9.883, 70.424** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.517, 253.672**, 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, 9.768, 69.916** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.233, 69.261**, and if you desaturate by 10%, it is **99, 1.955, 71.437**.

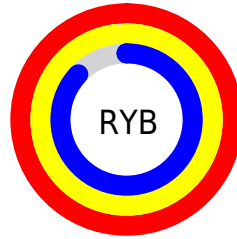
Distribution



Red (100%)

Green (93%)

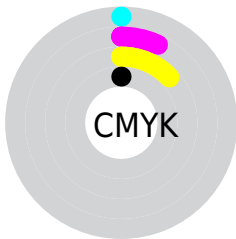
Blue (87%)



Red (100%)

Yellow (98%)

Blue (87%)

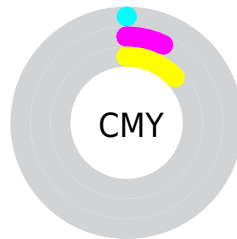


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.883, 70.424 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, 9.883, 70.424 by changing the saturation by 10% instead.



95, 9.883, 70.424

95, 9.883, 70.424

91, 18.233, 69.261

99, 1.955, 71.437

87, 27.033, 68.066

100, 0.050,
212.773

84, 36.295, 66.869

80, 45.983, 65.672

77, 55.970, 64.449

73, 65.949, 63.132

70, 75.268, 61.552

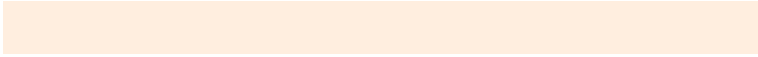
67, 82.790, 59.384

65, 86.809, 57.295

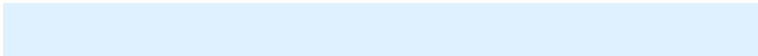
Harmonies

Complementary

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



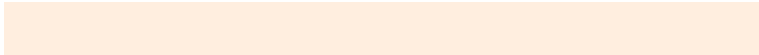
95, 9.883, 70.424



94, 9.517, 253.672

Rectangle

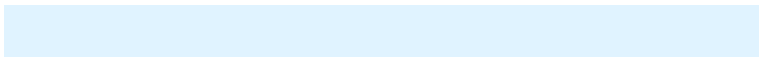
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 9.883, 70.424



95, 9.883, 120.424



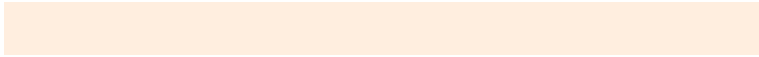
95, 9.883, 250.424



95, 9.883, 300.424

Sweetspot

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



95, 9.884, 70.441



98, 3.077, 71.354



92, 14.457, 342.907



52, 2.192, 71.289



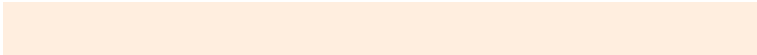
0, 0.000, 0.000



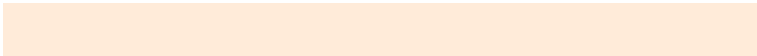
53, 0.007, 296.813

Same Dimension

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



95, 9.884, 70.441



94, 11.890, 70.156



99, 15.662, 107.561



51, 4.442, 70.789



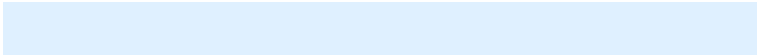
50, 69.643, 58.005



16, 27.068, 58.747

Inverse Universe

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



94, 9.517, 253.672



93, 11.353, 254.029



90, 16.092, 290.198



51, 4.322, 253.253



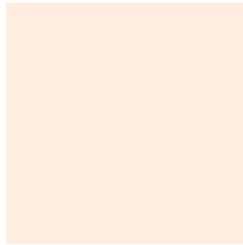
43, 54.750, 280.966



13, 22.439, 274.175

Previews

White Background



This preview shows how the CIELCh color 95, 9.883, 70.424 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, 9.883, 70.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

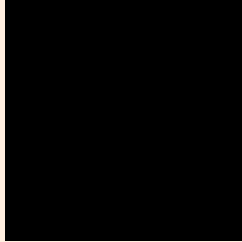
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 9.883, 70.424

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.883, 70.424.

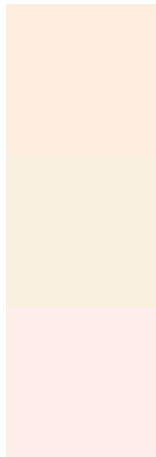


This preview shows how white text looks on a background with the CIELCh color 95, 9.883, 70.424.

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, 9.883, 70.424

Protanopia

95, 8.802, 87.629

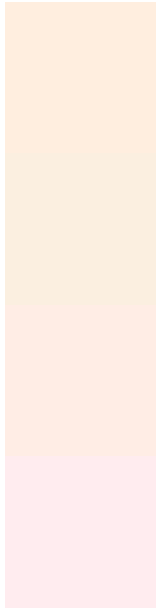
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 10.113, 334.785

Trichromacy



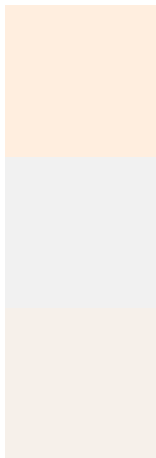
Original Color
95, 9.883, 70.424

Protanomaly
95, 8.824, 79.774

Deuteranomaly
95, 7.707, 51.734

Tritanomaly
95, 6.980, 7.097

Monochromacy



Original Color
95, 9.883, 70.424

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, 9.883, 70.424 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(255, 238, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 223)  
}
```

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(255, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.883, 70.424 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(255, 238, 223) }
```

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

```
.border{ border-color:rgb(255, 238, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.883, 70.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 223) }
```

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

```
.background{ background-color: rgb(255,  
238, 223) }
```

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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