

Converting Colors

CIE LCh(96, 12.400, 36.520)

Have a look what the booklet for
CIELCh(96, 12.400, 36.520) contains.

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Color

CIELCh(95, 7.438, 48.449)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE6
RGB	255, 237, 230
RGB Percent	100%, 93%, 90%
CMY	0.0000, 0.0702, 0.0977
CMYK	0.00, 0.07, 0.10, 0.00
HSL	17°, 100%, 95%
HSV	17°, 10%, 100%
XYZ	85.8814, 87.6183, 87.3169
YIQ	241.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

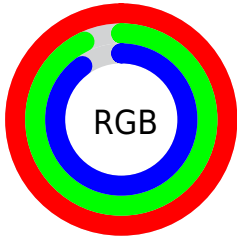
Format	Color
R _Y B	255, 240, 230
Decimal	16772582
CIE Lab	95.00, 4.93, 5.57
CIE LCh	95, 7.438, 48.449
Yxy	87.6183, 0.3293, 0.3359
Android (android.graphics.Color)	4294962662 (0xFFFFE6)
YUV	241.5840, -5.7109, 11.7658
Hunter-Lab	93.6047, -0.0360, 10.2160

Details

The CIELCh color **95, 7.438, 48.449** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 7.010, 229.989**, 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, 7.265, 46.128** is the 20% darker color. If you saturate the color by 10%, you get **90, 15.592, 48.133**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

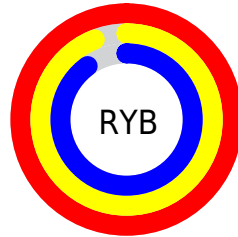
Distribution



Red (100%)

Green (93%)

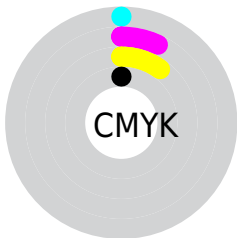
Blue (90%)



Red (100%)

Yellow (94%)

Blue (90%)

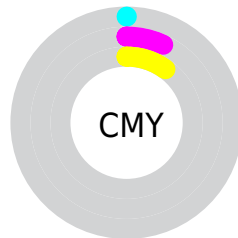


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.438, 48.449 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, 7.438, 48.449 by changing the saturation by 10% instead.



95, 7.438, 48.449

95, 7.438, 48.449

90, 15.592, 48.133

100, 0.012,
296.813

85, 24.440, 47.725

80, 33.994, 47.424

76, 44.265, 47.255

71, 55.196, 47.228

67, 66.597, 47.313

64, 77.991, 47.380

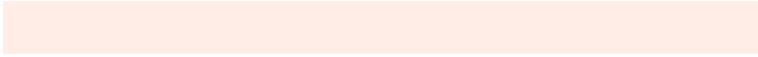
61, 88.306, 47.075

58, 96.021, 45.960

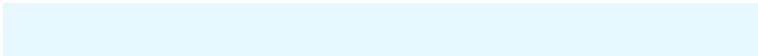
Harmonies

Complementary

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



95, 7.438, 48.449



96, 7.010, 229.989

Rectangle

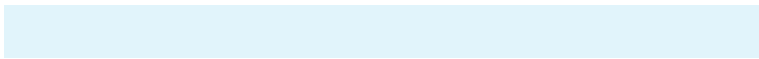
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.438, 48.449



95, 7.438, 98.449



95, 7.438, 228.449



95, 7.438, 278.449

Sweetspot

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



95, 7.407, 48.599



98, 2.214, 48.786



94, 12.916, 333.594



52, 1.684, 48.799



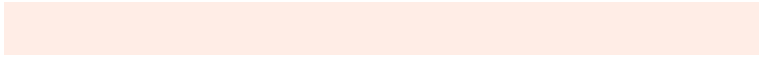
0, 0.000, 0.000



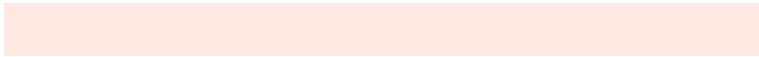
53, 0.007, 296.813

Same Dimension

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



95, 7.407, 48.599



94, 9.180, 48.495



98, 9.915, 97.159



50, 4.307, 48.611



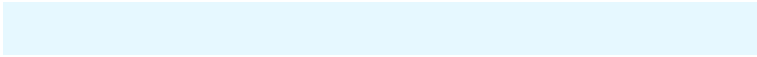
44, 76.979, 46.481



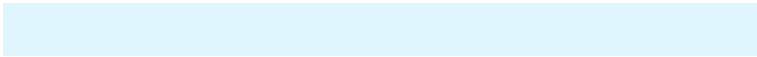
13, 28.809, 42.434

Inverse Universe

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



96, 7.010, 229.989



96, 8.568, 230.150



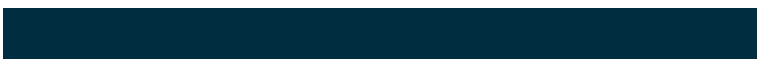
93, 10.007, 279.560



51, 4.083, 229.971



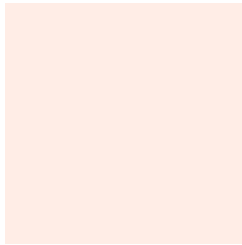
54, 38.381, 252.668



17, 16.916, 245.837

Previews

White Background



This preview shows how the CIELCh color 95, 7.438, 48.449 looks on a white background.

Color Contrast Check

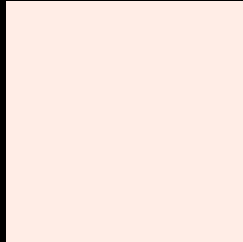
Large Text (above 18pt) WCAG AA × Fail

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, 7.438, 48.449 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

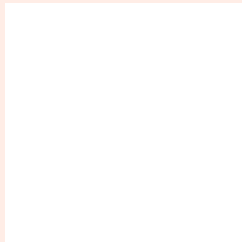
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.438, 48.449

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.438, 48.449.

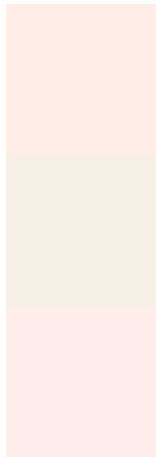


This preview shows how white text looks on a background with the CIELCh color 95, 7.438, 48.449.

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, 7.438, 48.449

Protanopia

95, 5.230, 80.980

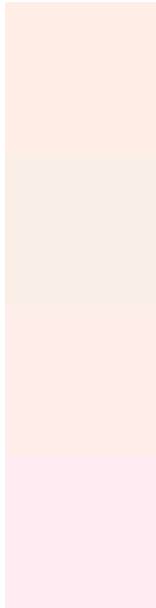
Deuteranopia

95, 6.487, 24.259



Tritanopia
95, 10.481, 332.816

Trichromacy



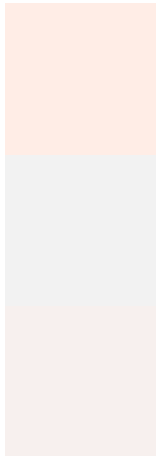
Original Color
95, 7.438, 48.449

Protanomaly
95, 5.683, 65.511

Deuteranomaly
95, 6.662, 33.035

Tritanomaly
95, 7.676, 352.016

Monochromacy



Original Color
95, 7.438, 48.449

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.683, 41.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.438, 48.449 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, 237, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 230)  
}
```

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, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.438, 48.449 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, 237, 230) }
```

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

```
.border{ border-color:rgb(255, 237, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.438, 48.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 230) }
```

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

```
.background{ background-color: rgb(255,  
237, 230) }
```

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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