

Converting Colors

CIELCh(95, 12.843, 78.986)

Have a look what the booklet for
CIELCh(95, 12.843, 78.986) contains.

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Color

CIELCh(95, 12.454, 78.957)

Conversions

Conversions Part 1

Format	Color
Hex	FFEED9
RGB	255, 238, 217
RGB Percent	100%, 93%, 85%
CMY	0.0000, 0.0657, 0.1481
CMYK	0.00, 0.07, 0.15, 0.00
HSL	33°, 100%, 93%
HSV	33°, 15%, 100%
XYZ	84.5305, 87.6183, 78.2643
YIQ	240.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

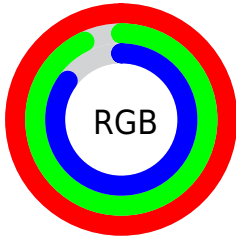
Format	Color
R _Y B	248, 255, 217
Decimal	16772825
CIE Lab	95.00, 2.39, 12.22
CIE LCh	95, 12.454, 78.957
Yxy	87.6183, 0.3376, 0.3499
Android (android.graphics.Color)	4294962905 (0xFFFFEED9)
YUV	240.6890, -11.6787, 12.5507
Hunter-Lab	93.6047, -2.6122, 15.9500

Details

The CIELCh color **95, 12.454, 78.957** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.106, 263.387**, 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, 12.473, 78.856** is the 20% darker color. If you saturate the color by 10%, you get **92, 21.189, 78.025**, and if you desaturate by 10%, it is **98, 3.949, 80.561**.

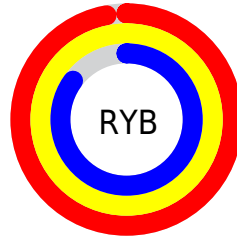
Distribution



Red (100%)

Green (93%)

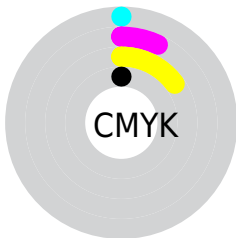
Blue (85%)



Red (97%)

Yellow (100%)

Blue (85%)

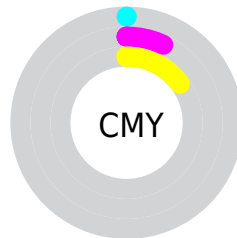


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 12.454, 78.957 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, 12.454, 78.957 by changing the saturation by 10% instead.

 95, 12.454, 78.957

 95, 12.454, 78.957

 100, 12.454,
78.957

 85, 12.454, 78.957

 75, 12.454, 78.957

 65, 12.454, 78.957

 55, 12.454, 78.957

 45, 12.454, 78.957

 35, 12.454, 78.957

 25, 12.454, 78.957

 15, 12.454, 78.957

 5, 12.454, 78.957

95, 12.454, 78.957

95, 12.454, 78.957

92, 21.189, 78.025

98, 3.949, 80.561

88, 30.297, 76.676

100, 0.012,
296.813

85, 39.705, 75.296

82, 49.324, 73.877

79, 58.947, 72.385

76, 68.144, 70.743

74, 76.128, 68.781

71, 81.773, 66.211

70, 83.805, 64.650

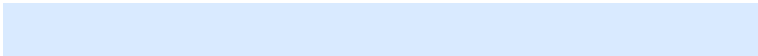
Harmonies

Complementary

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



95, 12.454, 78.957



92, 12.106, 263.387

Rectangle

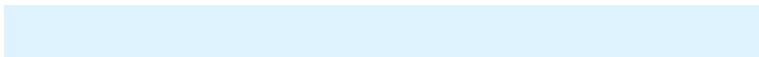
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 12.454, 78.957



95, 12.454, 128.957



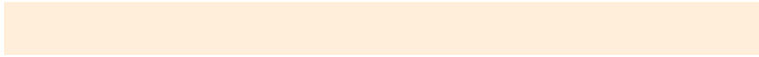
95, 12.454, 258.957



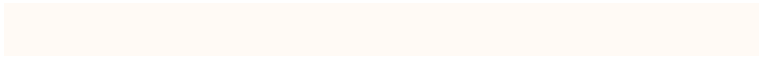
95, 12.454, 308.957

Sweetspot

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



95, 12.408, 79.337



99, 3.279, 80.643



90, 16.202, 347.753



52, 2.334, 80.567



0, 0.000, 0.000



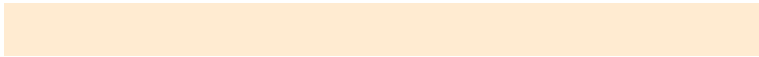
53, 0.007, 296.813

Same Dimension

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



95, 12.408, 79.337



94, 15.175, 78.923



99, 19.109, 110.819



51, 4.715, 80.008



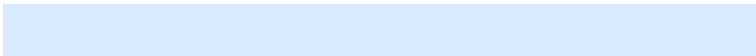
53, 67.349, 65.334



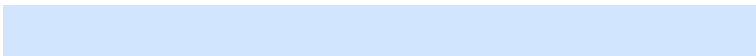
17, 27.114, 67.494

Inverse Universe

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



92, 12.106, 263.387



90, 14.712, 263.902



88, 19.772, 293.623



50, 4.649, 262.597



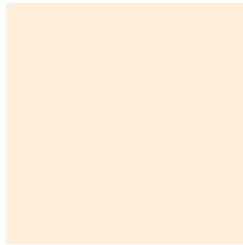
38, 65.108, 289.226



11, 26.262, 283.135

Previews

White Background



This preview shows how the CIE LCh color 95, 12.454, 78.957 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, 12.454, 78.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

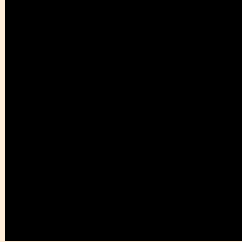
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 12.454, 78.957

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.454, 78.957.

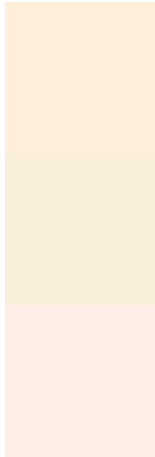


This preview shows how white text looks on a background with the CIELCh color 95, 12.454, 78.957.

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, 12.454, 78.957

Protanopia

95, 11.828, 91.138

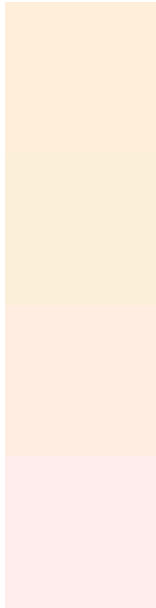
Deuteranopia

95, 7.197, 44.927



Tritanopia
95, 10.113, 334.785

Trichromacy



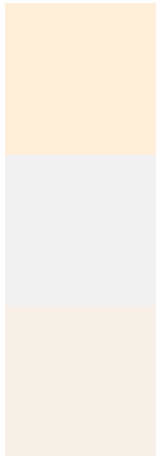
Original Color
95, 12.454, 78.957

Protanomaly
95, 11.757, 85.247

Deuteranomaly
95, 8.646, 60.223

Tritanomaly
95, 6.841, 15.497

Monochromacy



Original Color
95, 12.454, 78.957

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.607, 81.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.454, 78.957 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.454, 78.957 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, 217) }
```

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

```
.border{ border-color:rgb(255, 238, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.454, 78.957 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
238, 217) }
```

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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