

Converting Colors

CIELCh(95, 12.274, 80.630)

Have a look what the booklet for
CIELCh(95, 12.274, 80.630) contains.

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Color

CIELCh(95, 12.268, 80.463)

Conversions

Conversions Part 1

Format	Color
Hex	FEEED9
RGB	254, 238, 217
RGB Percent	100%, 93%, 85%
CMY	0.0020, 0.0648, 0.1472
CMYK	0.00, 0.06, 0.15, 0.00
HSL	34°, 97%, 93%
HSV	34°, 15%, 100%
XYZ	84.3445, 87.6183, 78.4281
YIQ	240.3900, 16.2770, -3.1390

Conversions

Conversions Part 2

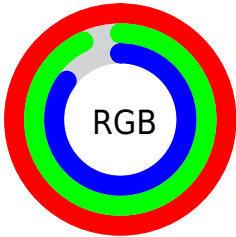
Format	Color
R _Y B	245, 254, 217
Decimal	16707289
CIE Lab	95.00, 2.03, 12.10
CIE LCh	95, 12.268, 80.463
Yxy	87.6183, 0.3369, 0.3499
Android (android.graphics.Color)	4294897369 (0xFFFEED9)
YUV	240.3900, -11.5313, 11.9360
Hunter-Lab	93.6047, -2.9669, 15.8462

Details

The CIELCh color **95, 12.268, 80.463** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.006, 264.456**, 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, 12.275, 80.453** is the 20% darker color. If you saturate the color by 10%, you get **92, 21.085, 79.159**, and if you desaturate by 10%, it is **98, 3.761, 81.700**.

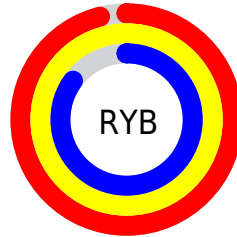
Distribution



Red (100%)

Green (93%)

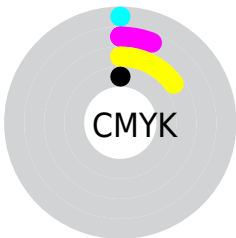
Blue (85%)



Red (96%)

Yellow (100%)

Blue (85%)

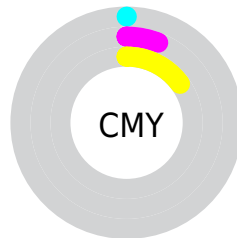


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 12.268, 80.463 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, 12.268, 80.463 by changing the saturation by 10% instead.

 95, 12.268, 80.463

 95, 12.268, 80.463

 100, 12.268,
80.463

 85, 12.268, 80.463

 75, 12.268, 80.463

 65, 12.268, 80.463

 55, 12.268, 80.463

 45, 12.268, 80.463

 35, 12.268, 80.463

 25, 12.268, 80.463

 15, 12.268, 80.463

 5, 12.268, 80.463

95, 12.268, 80.463

95, 12.268, 80.463

92, 21.085, 79.159

98, 3.761, 81.700

89, 30.210, 77.802

100, 0.181,
203.065

85, 39.615, 76.411

82, 49.209, 74.979

80, 58.782, 73.474

77, 67.902, 71.820

74, 75.793, 69.858

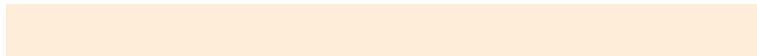
72, 81.348, 67.310

70, 83.399, 65.678

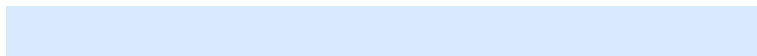
Harmonies

Complementary

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



95, 12.268, 80.463



92, 12.006, 264.456

Rectangle

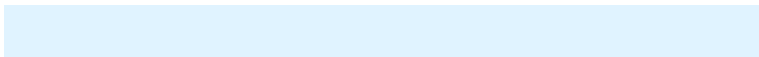
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 12.268, 80.463



95, 12.268, 130.463



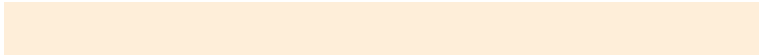
95, 12.268, 260.463



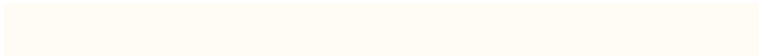
95, 12.268, 310.463

Sweetspot

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



95, 12.269, 80.476



99, 3.311, 81.756



90, 15.721, 348.716



52, 2.357, 81.678



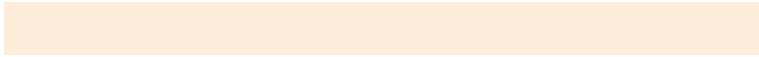
0, 0.000, 0.000



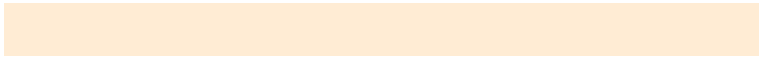
53, 0.007, 296.813

Same Dimension

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



95, 12.269, 80.476



94, 14.428, 80.157



99, 18.752, 111.535



51, 4.759, 81.116



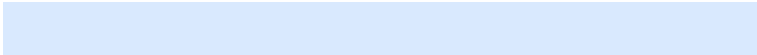
54, 67.147, 66.349



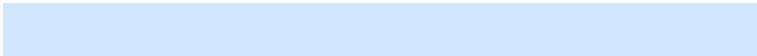
17, 27.167, 68.633

Inverse Universe

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



92, 12.006, 264.456



91, 14.056, 264.848



88, 19.389, 294.205



50, 4.700, 263.707



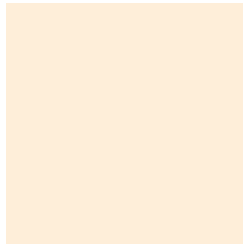
38, 66.513, 290.127



10, 26.795, 284.132

Previews

White Background



This preview shows how the CIE LCh color 95, 12.268, 80.463 looks on a white background.

Color Contrast Check

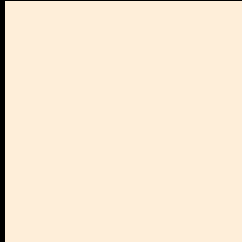
Large Text (above 18pt) WCAG AA × Fail

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, 12.268, 80.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

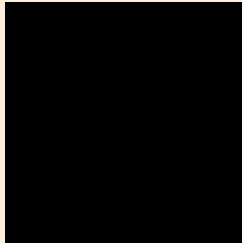
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 12.268, 80.463

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.268, 80.463.

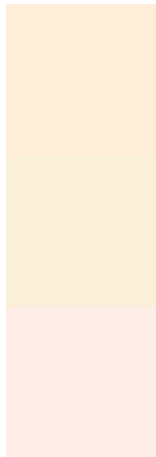


This preview shows how white text looks on a background with the CIELCh color 95, 12.268, 80.463.

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, 12.268, 80.463

Protanopia

95, 11.828, 91.138

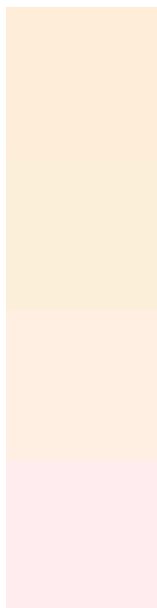
Deuteranopia

95, 7.197, 44.927



Tritanopia
95, 10.113, 334.785

Trichromacy



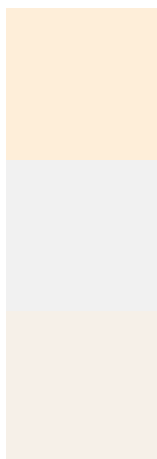
Original Color
95, 12.268, 80.463

Protanomaly
95, 11.757, 85.247

Deuteranomaly
95, 8.721, 64.286

Tritanomaly
95, 6.891, 11.254

Monochromacy



Original Color
95, 12.268, 80.463

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, 12.268, 80.463 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 238, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.268, 80.463 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, 217) }
```

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

```
.border{ border-color:rgb(254, 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(254, 238, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.268, 80.463 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, 217) }
```

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

```
.background{ background-color: rgb(254,  
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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