

Converting Colors

CIELCh(95, 9.771, 90.380)

Have a look what the booklet for
CIELCh(95, 9.771, 90.380) contains.

CIELCh(95, 9.764, 89.737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 9.764, 89.737)

Conversions

Conversions Part 1

Format	Color
Hex	F9F0DE
RGB	249, 240, 222
RGB Percent	98%, 94%, 87%
CMY	0.0241, 0.0593, 0.1299
CMYK	0.00, 0.04, 0.11, 0.02
HSL	40°, 69%, 92%
HSV	40°, 11%, 98%
XYZ	83.3020, 87.6183, 81.5320
YIQ	240.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

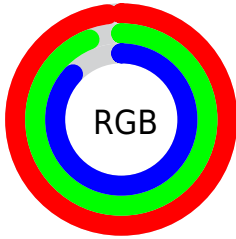
Format	Color
R_{YB}	236, 249, 222
Decimal	16380126
CIE _{Lab}	95.00, 0.04, 9.76
CIE _{LCh}	95, 9.764, 89.737
Yxy	87.6183, 0.3300, 0.3471
Android (android.graphics.Color)	4294570206 (0xFFFF9F0DE)
YUV	240.6390, -9.1890, 7.3326
Hunter-Lab	93.6047, -4.9549, 13.8802

Details

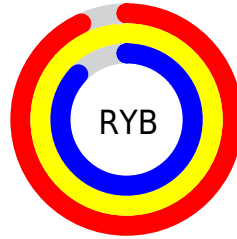
The CIELCh color **95, 9.764, 89.737** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 9.756, 272.614**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.639, 90.551** is the 20% darker color. If you saturate the color by 10%, you get **92, 18.978, 88.464**, and if you desaturate by 10%, it is **98, 0.746, 90.655**.

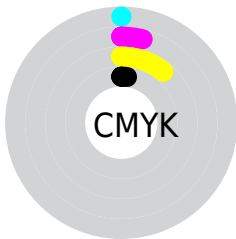
Distribution



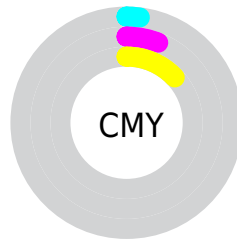
- Red (98%)
- Green (94%)
- Blue (87%)



- Red (93%)
- Yellow (98%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.764, 89.737 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, 9.764, 89.737 by changing the saturation by 10% instead.



95, 9.764, 89.737

95, 9.764, 89.737

92, 18.978, 88.464

98, 0.746, 90.655

90, 28.367, 87.126

100, 2.129,
199.581

87, 37.886, 85.746

85, 47.428, 84.321

83, 56.782, 82.838

80, 65.554, 81.259

78, 73.075, 79.497

76, 78.407, 77.398

74, 81.002, 75.079

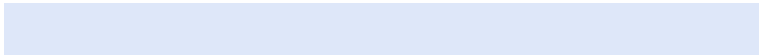
Harmonies

Complementary

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



95, 9.764, 89.737



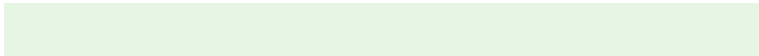
91, 9.756, 272.614

Rectangle

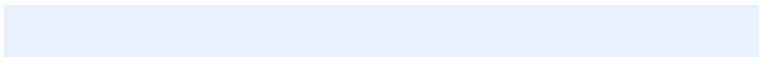
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 9.764, 89.737



95, 9.764, 139.737



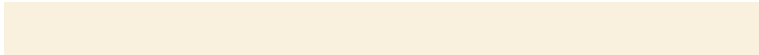
95, 9.764, 269.737



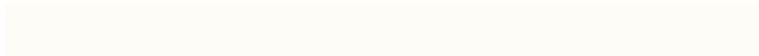
95, 9.764, 319.737

Sweetspot

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



95, 9.765, 89.751



99, 2.724, 90.663



91, 10.810, 354.682



53, 2.068, 90.586



0, 0.000, 0.000



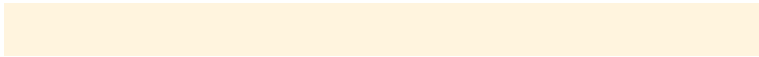
53, 0.007, 296.813

Same Dimension

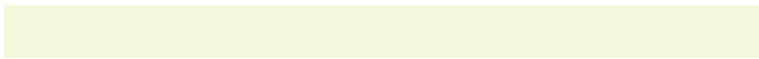
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 9.765, 89.751



96, 11.966, 89.478



97, 13.841, 115.920



51, 5.126, 89.919



58, 65.815, 75.614



18, 26.950, 78.398

Inverse Universe

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



91, 9.756, 272.614



92, 11.944, 272.928



90, 14.178, 297.545



49, 5.125, 272.425



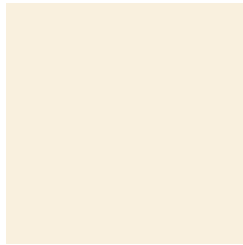
32, 78.147, 296.666



8, 30.602, 291.219

Previews

White Background



This preview shows how the CIELCh color 95, 9.764, 89.737 looks on a white background.

Color Contrast Check

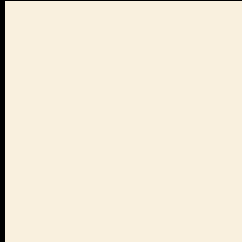
Large Text (above 18pt) WCAG AA × Fail

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, 9.764, 89.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

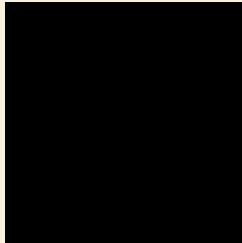
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 9.764, 89.737

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.764, 89.737.

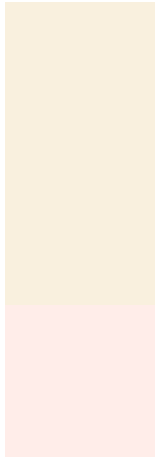


This preview shows how white text looks on a background with the CIELCh color 95, 9.764, 89.737.

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, 9.764, 89.737

Protanopia

95, 9.764, 89.737

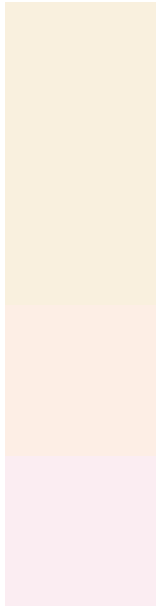
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 11.671, 323.389

Trichromacy



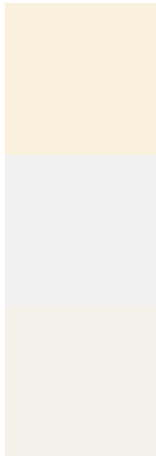
Original Color
95, 9.764, 89.737

Protanomaly
95, 9.764, 89.737

Deuteranomaly
95, 7.115, 59.874

Tritanomaly
95, 5.618, 352.541

Monochromacy



Original Color
95, 9.764, 89.737

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.723, 93.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.764, 89.737 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(249, 240, 222)` looks like.

```
.text, #text, p{  
    color:rgb(249, 240, 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(249, 240, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 240, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.764, 89.737 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(249, 240, 222) }
```

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

```
.border{ border-color:rgb(249, 240, 222) }
```

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

Here you see how a box with a 4 pixel rgb(249, 240, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 240, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 240, 222);  
box-shadow:4px 4px 4px 4px rgb(249, 240,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.764, 89.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 240, 222) }
```

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

```
.background{ background-color: rgb(249,  
240, 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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