

# Converting Colors

CIELCh(100, 28.482, 41.513)

Have a look what the booklet for  
CIELCh(100, 28.482, 41.513)  
contains.

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# **Color**

**CIELCh(95, 11.807, 79.347)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEEEDA
RGB	254, 238, 218
RGB Percent	100%, 93%, 85%
CMY	0.0023, 0.0650, 0.1435
CMYK	0.00, 0.06, 0.14, 0.00
HSL	33°, 97%, 93%
HSV	33°, 14%, 100%
XYZ	84.4235, 87.6183, 79.0795
YIQ	240.5040, 15.9560, -2.8280

# Conversions

## Conversions Part 2

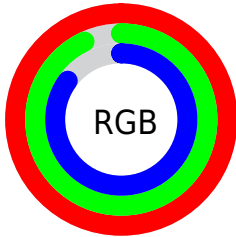
Format	Color
R <sub>Y</sub> B	247, 254, 218
Decimal	16707290
CIE Lab	95.00, 2.18, 11.60
CIE LCh	95, 11.807, 79.347
Yxy	87.6183, 0.3362, 0.3489
Android (android.graphics.Color)	4294897370 (0xFFFEEDA)
YUV	240.5040, -11.0945, 11.8360
Hunter-Lab	93.6047, -2.8162, 15.4336

# Details

The CIELCh color **95, 11.807, 79.347** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 11.533, 263.221**, 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, 11.800, 79.296** is the 20% darker color. If you saturate the color by 10%, you get **92, 20.547, 78.052**, and if you desaturate by 10%, it is **98, 3.389, 80.567**.

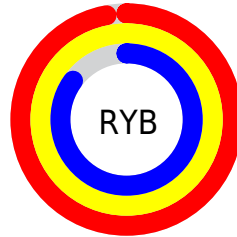
# Distribution



Red (100%)

Green (93%)

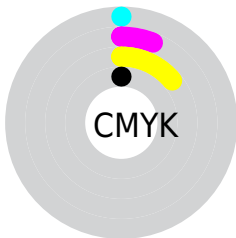
Blue (85%)



Red (97%)

Yellow (100%)

Blue (85%)

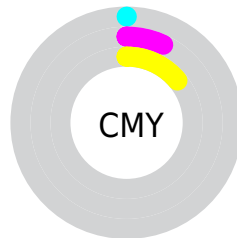


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (14%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 11.807, 79.347 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, 11.807, 79.347 by changing the saturation by 10% instead.



 95, 11.807, 79.347

 95, 11.807, 79.347

 100, 11.807,  
79.347

 85, 11.807, 79.347

 75, 11.807, 79.347

 65, 11.807, 79.347

 55, 11.807, 79.347

 45, 11.807, 79.347

 35, 11.807, 79.347

 25, 11.807, 79.347

 15, 11.807, 79.347

 5, 11.807, 79.347

95, 11.807, 79.347

95, 11.807, 79.347

92, 20.547, 78.052

98, 3.389, 80.567

88, 29.614, 76.707

100, 0.207,  
202.588

85, 38.984, 75.330

82, 48.577, 73.914

79, 58.194, 72.431

76, 67.426, 70.804

74, 75.517, 68.873

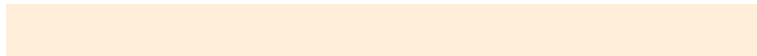
71, 81.352, 66.354

70, 83.671, 64.598

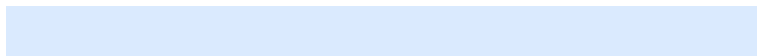
# Harmonies

# Complementary

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



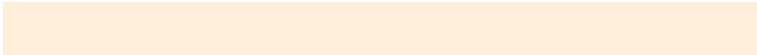
95, 11.807, 79.347



92, 11.533, 263.221

# Rectangle

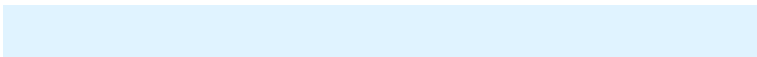
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 11.807, 79.347



95, 11.807, 129.347



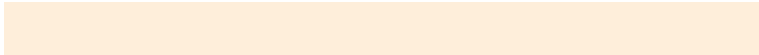
95, 11.807, 259.347



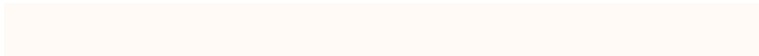
95, 11.807, 309.347

# Sweetspot

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



95, 11.808, 79.360



99, 3.277, 80.581



91, 15.432, 347.686



52, 2.333, 80.504



0, 0.000, 0.000



53, 0.007, 296.813

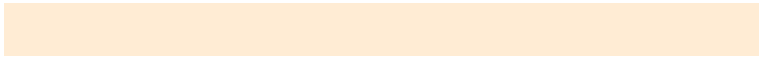


# Same Dimension

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



95, 11.808, 79.360



94, 14.298, 78.991



99, 18.220, 110.879



51, 4.713, 79.946



53, 67.361, 65.278



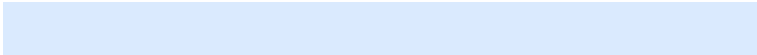
17, 27.111, 67.431



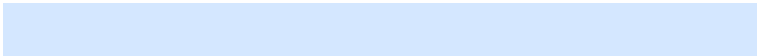


# Inverse Universe

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



92, 11.533, 263.221



91, 13.887, 263.675



88, 18.823, 293.549



50, 4.647, 262.535



38, 65.030, 289.175

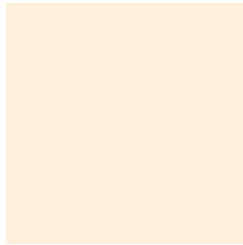


11, 26.233, 283.079



# Previews

## White Background



This preview shows how the CIE LCh color 95, 11.807, 79.347 looks on a white background.

## Color Contrast Check

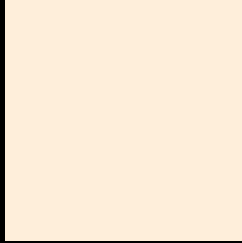
Large Text (above 18pt) WCAG AA × Fail

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, 11.807, 79.347 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

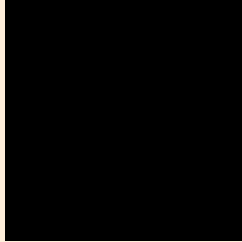
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# **CIELCh 95, 11.807, 79.347**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 95, 11.807, 79.347.

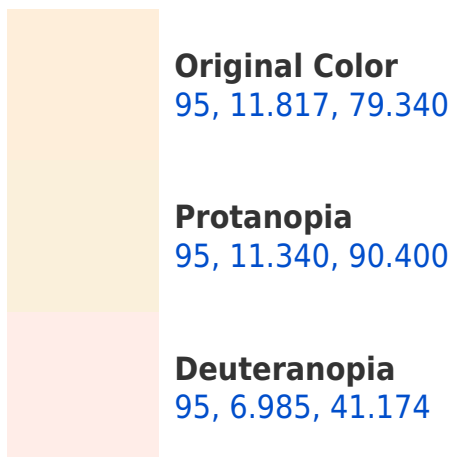


This preview shows how white text looks on a background with the CIELCh color 95, 11.807, 79.347.

# 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

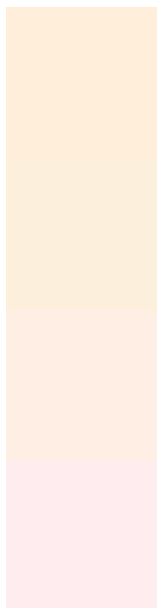




**Tritanopia**  
95, 10.113, 334.785



# Trichromacy



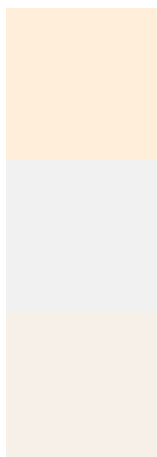
**Original Color**  
95, 11.817, 79.340

**Protanomaly**  
95, 11.288, 84.259

**Deuteranomaly**  
95, 8.360, 61.865

**Tritanomaly**  
95, 6.891, 11.254

# Monochromacy



**Original Color**  
95, 11.817, 79.340

**Achromatopsia**  
95, 0.011, 296.813

**Achromatomaly**  
95, 4.159, 78.711

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 95, 11.807, 79.347 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 218) }
```

## Border

The CSS property to change the border of an element to CIELCh 95, 11.807, 79.347 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, 218) }
```

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

```
.border{ border-color:rgb(254, 238, 218) }
```

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, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
218) }
```

# Background

The CSS property to change the background color of an element to CIELCh 95, 11.807, 79.347 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, 218) }
```

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

```
.background{ background-color: rgb(254,  
238, 218) }
```

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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