

# Converting Colors

CIELCh(95, 7.579, 119.092)

Have a look what the booklet for  
CIELCh(95, 7.579, 119.092) contains.

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# Color

**CIELCh(95, 7.252, 118.164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFF2E4
RGB	239, 242, 228
RGB Percent	94%, 95%, 89%
CMY	0.0620, 0.0502, 0.1051
CMYK	0.01, 0.00, 0.06, 0.05
HSL	73°, 35%, 92%
HSV	73°, 6%, 95%
XYZ	81.5040, 87.6183, 86.1562
YIQ	239.5070, 2.7060, -4.9900

# Conversions

## Conversions Part 2

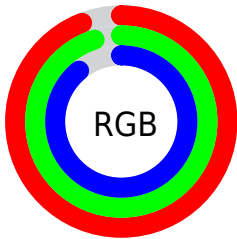
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 242, 231
Decimal	15725284
CIE Lab	95.00, -3.42, 6.39
CIE LCh	95, 7.252, 118.164
Yxy	87.6183, 0.3193, 0.3432
Android (android.graphics.Color)	4293915364 (0xFFEFF2E4)
YUV	239.5070, -5.6730, -0.4446
Hunter-Lab	93.6047, -8.3837, 10.9512

# Details

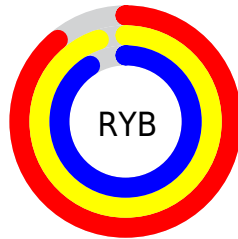
The CIELCh color **95, 7.252, 118.164** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.359, 298.943**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.089, 118.737** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.781, 117.499**, and if you desaturate by 10%, it is **96, 5.310, 298.821**.

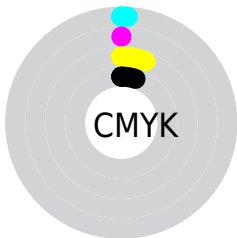
# Distribution



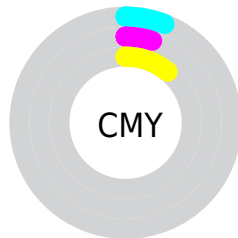
- Red (94%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (11%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 7.252, 118.164 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, 7.252, 118.164 by changing the saturation by 10% instead.



 95, 7.252, 118.164

 95, 7.252, 118.164

 100, 7.252,  
118.164

 85, 7.252, 118.164

 75, 7.252, 118.164

 65, 7.252, 118.164

 55, 7.252, 118.164

 45, 7.252, 118.164

 35, 7.252, 118.164

 25, 7.252, 118.164

 15, 7.252, 118.164

 5, 7.252, 118.164

95, 7.252, 118.164

95, 7.252, 118.164

94, 19.781,  
117.499

96, 5.310, 298.821

93, 32.190,  
116.818

96, 7.079, 311.906

92, 44.361,  
116.151

97, 7.932, 324.229

97, 7.974, 324.680

92, 56.111,  
115.529

91, 67.167,  
114.998

91, 77.126,  
114.624

90, 85.453,  
114.495

90, 91.566,  
114.710

■ 89, 95.113,  
115.341

# Harmonies

# Complementary

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



95, 7.252, 118.164



91, 7.359, 298.943

# Rectangle

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



95, 7.252, 118.164



95, 7.252, 168.164



95, 7.252, 298.164



95, 7.252, 348.164

# Sweetspot

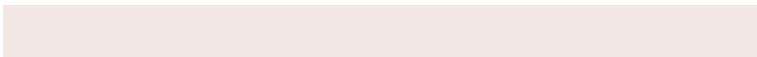
The Sweet Spot groups the original color and five complimentary colors.



95, 7.254, 118.174



100, 2.609, 118.429



92, 4.278, 39.214



53, 1.483, 118.436



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, 7.254, 118.174



99, 9.156, 118.091



95, 8.020, 135.515



50, 5.655, 118.054



70, 77.980, 115.491



21, 32.590, 114.803



# Inverse Universe

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



91, 7.359, 298.943



95, 9.306, 299.032



92, 8.073, 315.949



47, 5.753, 299.073



23, 102.786, 307.389

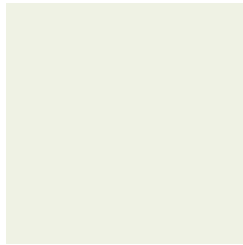


3, 38.443, 303.740



# Previews

## White Background



This preview shows how the CIE LCh color 95, 7.252, 118.164 looks on a white background.

## Color Contrast Check

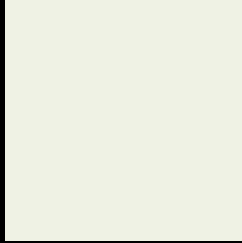
Large Text (above 18pt) WCAG AA × Fail

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, 7.252, 118.164 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

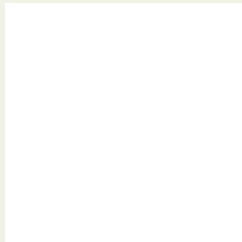
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# **CIELCh 95, 7.252, 118.164**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 95, 7.252, 118.164.



This preview shows how white text looks on a background with the CIELCh color 95, 7.252, 118.164.

# 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, 7.252, 118.164

### Protanopia

95, 7.238, 86.009

### Deuteranopia

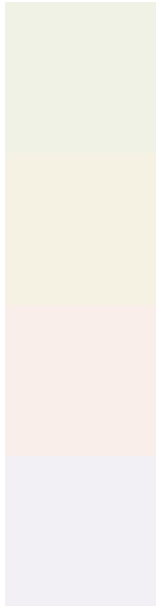
95, 6.856, 24.049





**Tritanopia**  
95, 8.941, 301.971

# Trichromacy



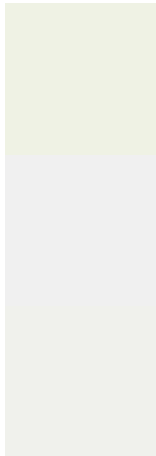
**Original Color**  
95, 7.252, 118.164

**Protanomaly**  
95, 7.293, 98.159

**Deuteranomaly**  
95, 4.694, 52.526

**Tritanomaly**  
95, 2.680, 305.565

# Monochromacy



**Original Color**  
95, 7.252, 118.164

**Achromatopsia**  
95, 0.011, 296.813

**Achromatomaly**  
95, 2.581, 117.859

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 95, 7.252, 118.164 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(239, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(239, 242, 228)  
}
```

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(239, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 242, 228) }
```

## Border

The CSS property to change the border of an element to CIELCh 95, 7.252, 118.164 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(239, 242, 228) }
```

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

```
.border{ border-color:rgb(239, 242, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 242, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(239, 242,  
228) }
```

# Background

The CSS property to change the background color of an element to CIELCh 95, 7.252, 118.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 242, 228) }
```

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

```
.background{ background-color: rgb(239,  
242, 228) }
```

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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