

Converting Colors

CIELCh(97, 13.778, 39.704)

Have a look what the booklet for
CIELCh(97, 13.778, 39.704) contains.

CIELCh(95, 7.394, 58.049)	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, 7.394, 58.049)

Conversions

Conversions Part 1

Format	Color
Hex	FEEEE5
RGB	254, 238, 229
RGB Percent	100%, 93%, 90%
CMY	0.0052, 0.0679, 0.1031
CMYK	0.00, 0.06, 0.10, 0.01
HSL	22°, 90%, 95%
HSV	22°, 10%, 99%
XYZ	85.3386, 87.6183, 86.3233
YIQ	241.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

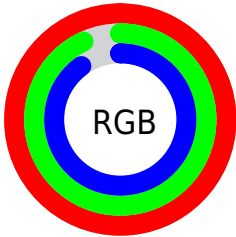
Format	Color
R _Y B	254, 243, 229
Decimal	16707301
CIE Lab	95.00, 3.91, 6.27
CIE LCh	95, 7.394, 58.049
Yxy	87.6183, 0.3291, 0.3379
Android (android.graphics.Color)	4294897381 (0xFFEEEE5)
YUV	241.7580, -6.2897, 10.7362
Hunter-Lab	93.6047, -1.0713, 10.8453

Details

The CIELCh color **95, 7.394, 58.049** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 7.064, 240.093**, 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, 7.177, 56.456** is the 20% darker color. If you saturate the color by 10%, you get **90, 15.434, 57.243**, and if you desaturate by 10%, it is **100, 0.120, 243.742**.

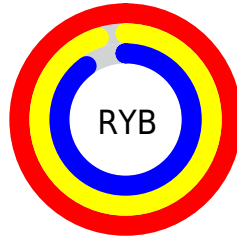
Distribution



Red (100%)

Green (93%)

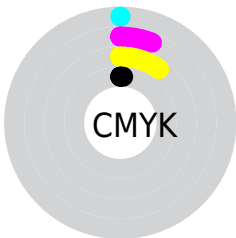
Blue (90%)



Red (100%)

Yellow (95%)

Blue (90%)

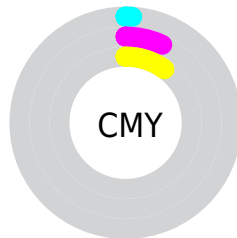


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.394, 58.049 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, 7.394, 58.049 by changing the saturation by 10% instead.

 95, 7.394, 58.049

 95, 7.394, 58.049

 100, 7.394, 58.049

 85, 7.394, 58.049

 75, 7.394, 58.049

 65, 7.394, 58.049

 55, 7.394, 58.049

 45, 7.394, 58.049

 35, 7.394, 58.049

 25, 7.394, 58.049

 15, 7.394, 58.049

 5, 7.394, 58.049

95, 7.394, 58.049

95, 7.394, 58.049

90, 15.434, 57.243

100, 0.120,
243.742

86, 24.053, 56.433

100, 0.461,
200.814

82, 33.288, 55.678

77, 43.148, 54.993

73, 53.572, 54.373

70, 64.362, 53.774

66, 75.031, 53.058

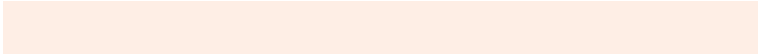
63, 84.549, 51.900

60, 91.648, 49.951

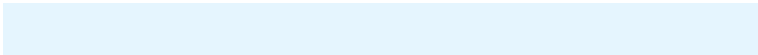
Harmonies

Complementary

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



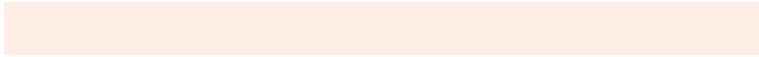
95, 7.394, 58.049



96, 7.064, 240.093

Rectangle

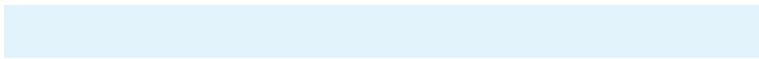
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.394, 58.049



95, 7.394, 108.049



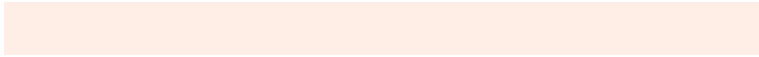
95, 7.394, 238.049



95, 7.394, 288.049

Sweetspot

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



95, 7.394, 58.071



99, 2.207, 58.503



93, 12.216, 337.061



52, 1.679, 58.485



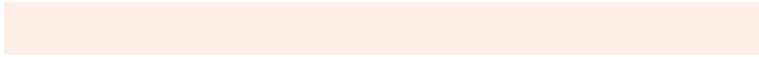
0, 0.000, 0.000



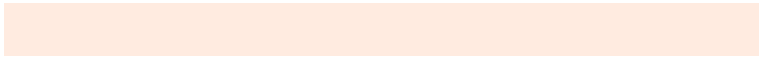
53, 0.007, 296.813

Same Dimension

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



95, 7.394, 58.071



94, 9.119, 57.895



98, 10.858, 102.155



51, 4.283, 58.098



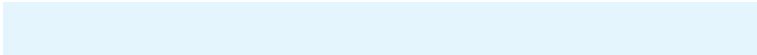
46, 73.745, 50.557



14, 27.836, 48.681

Inverse Universe

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



96, 7.064, 240.093



95, 8.616, 240.324



92, 11.025, 284.410



51, 4.100, 240.058



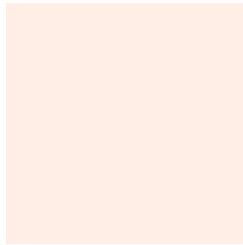
49, 43.945, 266.610



15, 18.679, 259.339

Previews

White Background



This preview shows how the CIE LCh color 95, 7.394, 58.049 looks on a white background.

Color Contrast Check

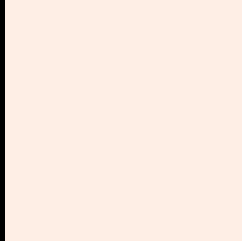
Large Text (above 18pt) WCAG AA × Fail

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, 7.394, 58.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

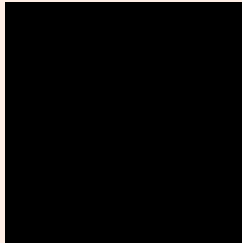
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

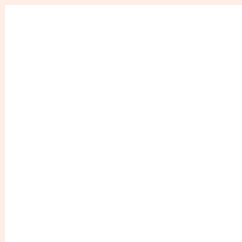
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.394, 58.049

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.394, 58.049.

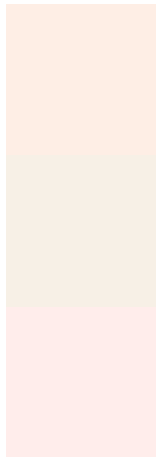


This preview shows how white text looks on a background with the CIELCh color 95, 7.394, 58.049.

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, 7.400, 58.046

Protanopia

95, 5.687, 83.397

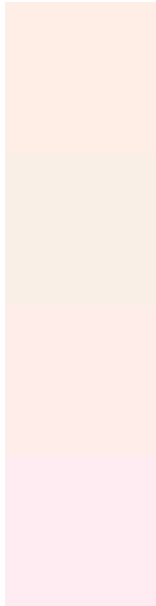
Deuteranopia

95, 6.555, 28.706



Tritanopia
95, 10.862, 330.985

Trichromacy



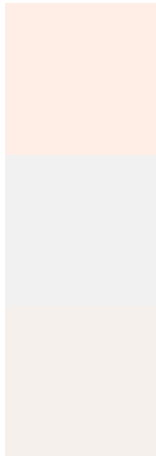
Original Color
95, 7.400, 58.046

Protanomaly
95, 5.834, 71.531

Deuteranomaly
95, 6.806, 37.203

Tritanomaly
95, 7.676, 352.016

Monochromacy



Original Color
95, 7.400, 58.046

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.616, 55.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.394, 58.049 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.394, 58.049 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, 229) }
```

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

```
.border{ border-color:rgb(254, 238, 229) }
```

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, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.394, 58.049 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, 229) }
```

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

```
.background{ background-color: rgb(254,  
238, 229) }
```

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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