

Converting Colors

CIELCh(95, 7.403, 53.231)

Have a look what the booklet for
CIELCh(95, 7.403, 53.231) contains.

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Color

CIELCh(95, 7.396, 53.234)

Conversions

Conversions Part 1

Format	Color
Hex	FEED E5
RGB	254, 237, 229
RGB Percent	100%, 93%, 90%
CMY	0.0024, 0.0690, 0.1004
CMYK	0.00, 0.07, 0.10, 0.00
HSL	19°, 95%, 95%
HSV	19°, 10%, 100%
XYZ	85.6117, 87.6183, 86.8125
YIQ	241.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

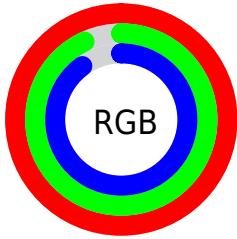
Format	Color
R_{YB}	254, 241, 229
Decimal	16707045
CIE Lab	95.00, 4.43, 5.92
CIE LCh	95, 7.396, 53.234
Yxy	87.6183, 0.3292, 0.3369
Android (android.graphics.Color)	4294897125 (0xFFFEDE5)
YUV	241.1710, -6.0003, 11.2510
Hunter-Lab	93.6047, -0.5505, 10.5355

Details

The CIELCh color `95, 7.396, 53.234` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 7.028, 234.981`, 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, 7.196, 51.259` is the 20% darker color. If you saturate the color by 10%, you get `90, 15.488, 52.602`, and if you desaturate by 10%, it is `100, 0.129, 238.664`.

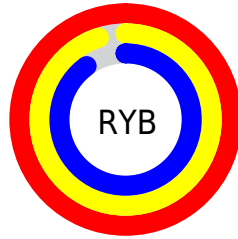
Distribution



Red (100%)

Green (93%)

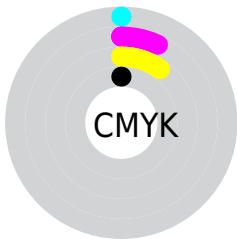
Blue (90%)



Red (100%)

Yellow (95%)

Blue (90%)

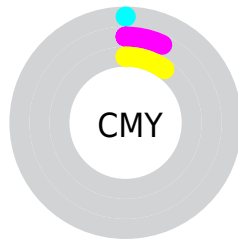


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.396, 53.234 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, 7.396, 53.234 by changing the saturation by 10% instead.

 95, 7.396, 53.234

 95, 7.396, 53.234

 100, 7.396, 53.234

 85, 7.396, 53.234

 75, 7.396, 53.234

 65, 7.396, 53.234

 55, 7.396, 53.234

 45, 7.396, 53.234

 35, 7.396, 53.234

 25, 7.396, 53.234

 15, 7.396, 53.234

 5, 7.396, 53.234

95, 7.396, 53.234

95, 7.396, 53.234

90, 15.488, 52.602

100, 0.129,
238.664

86, 24.204, 51.987

100, 0.210,
202.556

81, 33.585, 51.452

77, 43.644, 51.017

72, 54.324, 50.685

68, 65.433, 50.417

65, 76.493, 50.078

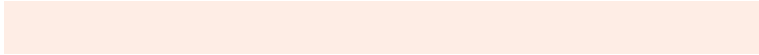
62, 86.451, 49.329

59, 93.915, 47.780

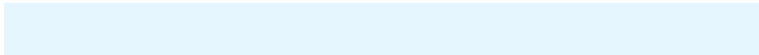
Harmonies

Complementary

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



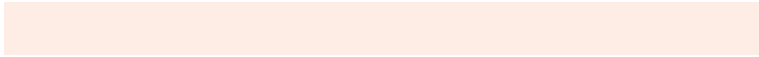
95, 7.396, 53.234



96, 7.028, 234.981

Rectangle

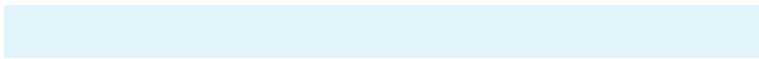
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.396, 53.234



95, 7.396, 103.234



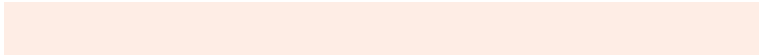
95, 7.396, 233.234



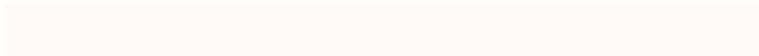
95, 7.396, 283.234

Sweetspot

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



95, 7.396, 53.256



99, 2.203, 53.570



93, 12.520, 335.624



52, 1.676, 53.567



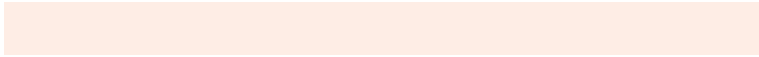
0, 0.000, 0.000



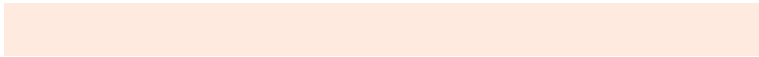
53, 0.007, 296.813

Same Dimension

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



95, 7.396, 53.256



94, 9.119, 53.115



98, 10.495, 100.261



51, 4.281, 53.277



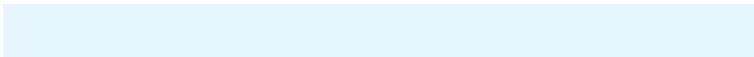
45, 75.394, 48.349



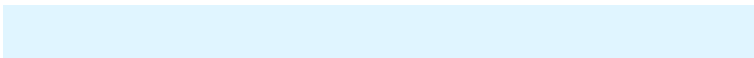
13, 28.298, 45.382

Inverse Universe

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



96, 7.028, 234.981



95, 8.558, 235.178



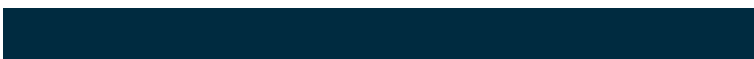
93, 10.633, 282.578



51, 4.075, 234.953



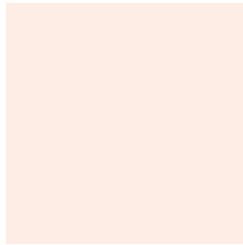
52, 40.832, 259.922



16, 17.668, 252.754

Previews

White Background



This preview shows how the CIE LCh color 95, 7.396, 53.234 looks on a white background.

Color Contrast Check

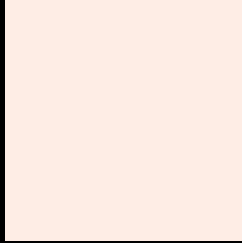
Large Text (above 18pt) WCAG AA × Fail

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, 7.396, 53.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

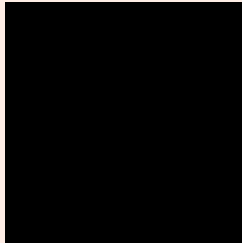
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.396, 53.234

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.396, 53.234.

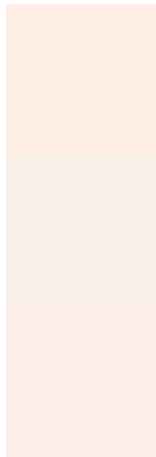


This preview shows how white text looks on a background with the CIELCh color 95, 7.396, 53.234.

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, 7.396, 53.234

Protanopia

95, 5.230, 80.980

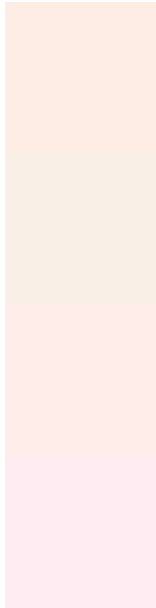
Deuteranopia

95, 6.555, 28.706



Tritanopia
95, 10.481, 332.816

Trichromacy



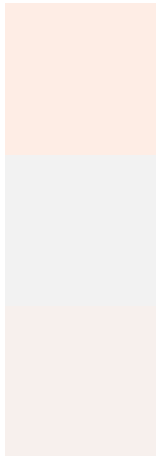
Original Color
95, 7.396, 53.234

Protanomaly
95, 6.065, 68.820

Deuteranomaly
95, 6.806, 37.203

Tritanomaly
95, 7.676, 352.016

Monochromacy



Original Color
95, 7.396, 53.234

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.915, 51.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.396, 53.234 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, 237, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 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, 237, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.396, 53.234 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, 237, 229) }
```

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

```
.border{ border-color:rgb(254, 237, 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, 237, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.396, 53.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 229) }
```

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

```
.background{ background-color: rgb(254,  
237, 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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