

Converting Colors

CIELCh(96, 14.343, 92.618)

Have a look what the booklet for
CIELCh(96, 14.343, 92.618) contains.

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Color

CIELCh(96, 14.354, 92.611)

Conversions

Conversions Part 1

Format	Color
Hex	FEF3D8
RGB	254, 243, 216
RGB Percent	100%, 95%, 85%
CMY	0.0045, 0.0476, 0.1535
CMYK	0.00, 0.04, 0.15, 0.00
HSL	43°, 94%, 92%
HSV	43°, 15%, 100%
XYZ	85.2025, 90.0078, 77.7522
YIQ	243.2110, 15.2230, -6.0650

Conversions

Conversions Part 2

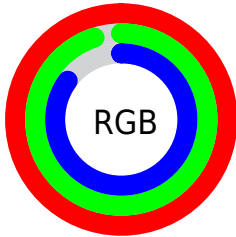
Format	Color
R_{YB}	231, 254, 216
Decimal	16708568
CIE _{Lab}	96.00, -0.65, 14.34
CIE _{LCh}	96, 14.354, 92.611
Yxy	90.0078, 0.3368, 0.3558
Android (android.graphics.Color)	4294898648 (0xFFFEF3D8)
YUV	243.2110, -13.4150, 9.4620
Hunter-Lab	94.8724, -5.7204, 17.8199

Details

The CIELCh color **96, 14.354, 92.611** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.422, 276.514**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 14.466, 93.086** is the 20% darker color. If you saturate the color by 10%, you get **94, 24.138, 91.340**, and if you desaturate by 10%, it is **98, 4.717, 93.830**.

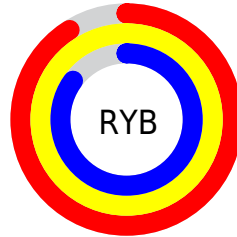
Distribution



Red (100%)

Green (95%)

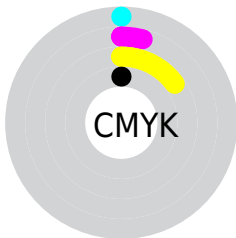
Blue (85%)



Red (91%)

Yellow (100%)

Blue (85%)

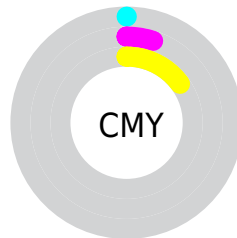


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 14.354, 92.611 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 96, 14.354, 92.611 by changing the saturation by 10% instead.

 96, 14.354, 92.611

 96, 14.354, 92.611

 100, 14.354,
92.611

 86, 14.354, 92.611

 76, 14.354, 92.611

 66, 14.354, 92.611

 56, 14.354, 92.611

 46, 14.354, 92.611

 36, 14.354, 92.611

 26, 14.354, 92.611

 16, 14.354, 92.611

 6, 14.354, 92.611

96, 14.354, 92.611

96, 14.354, 92.611

94, 24.138, 91.340

98, 4.717, 93.830

91, 34.026, 90.016

100, 0.398,
201.044

89, 43.932, 88.654

87, 53.689, 87.251

85, 62.990, 85.790

83, 71.299, 84.232

81, 77.808, 82.488

79, 81.607, 80.417

78, 82.626, 79.251

Harmonies

Complementary

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



96, 14.354, 92.611



90, 14.422, 276.514

Rectangle

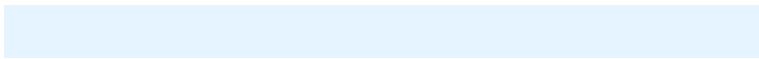
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 14.354, 92.611



96, 14.354, 142.611



96, 14.354, 272.611



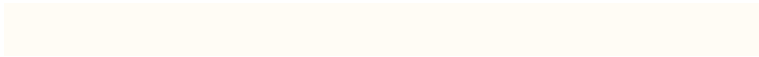
96, 14.354, 322.611

Sweetspot

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



96, 14.355, 92.621



99, 3.808, 93.935



90, 15.026, 357.418



53, 2.709, 93.854



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

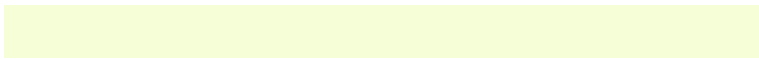
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 14.355, 92.621



96, 17.372, 92.237



98, 19.457, 116.967



52, 5.446, 93.296



61, 66.840, 79.716



20, 28.752, 82.385

Inverse Universe

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



90, 14.422, 276.514



89, 17.462, 276.980



88, 20.092, 299.117



50, 5.469, 275.736



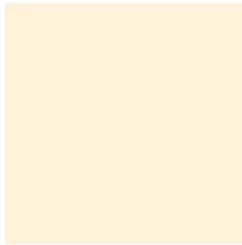
31, 84.414, 298.952



7, 33.873, 294.112

Previews

White Background



This preview shows how the CIE LCh color 96, 14.354, 92.611 looks on a white background.

Color Contrast Check

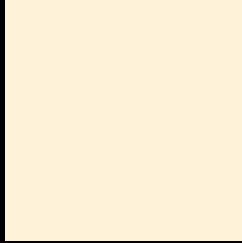
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 96, 14.354, 92.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

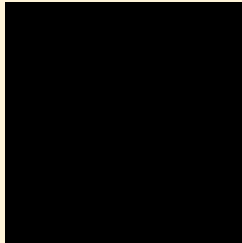
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 14.354, 92.611

Background



This preview shows how black text looks on a background with the CIELCh color 96, 14.354, 92.611.



This preview shows how white text looks on a background with the CIELCh color 96, 14.354, 92.611.

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


96, 14.354, 92.611

Protanopia

96, 14.354, 92.611

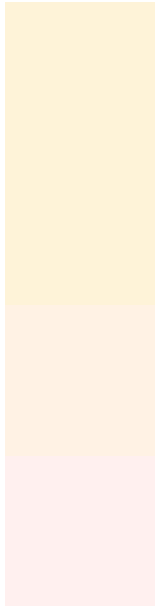
Deuteranopia

96, 5.882, 50.939



Tritanopia
96, 8.758, 330.441

Trichromacy



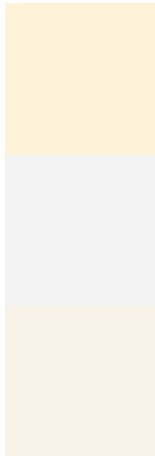
Original Color
96, 14.354, 92.611

Protanomaly
96, 14.354, 92.611

Deuteranomaly
96, 8.555, 76.027

Tritanomaly
96, 5.387, 25.079

Monochromacy



Original Color
96, 14.354, 92.611

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 5.290, 94.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 14.354, 92.611 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, 243, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 216)  
}
```

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, 243, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 14.354, 92.611 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, 243, 216) }
```

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

```
.border{ border-color:rgb(254, 243, 216) }
```

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

Here you see how a box with a 4 pixel rgb(254, 243, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 14.354, 92.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 243, 216) }
```

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

```
.background{ background-color: rgb(254,  
243, 216) }
```

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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