

Converting Colors

CIELCh(96, 6.206, 39.901)

Have a look what the booklet for
CIELCh(96, 6.206, 39.901) contains.

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Color

CIELCh(96, 5.754, 40.409)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0EC
RGB	255, 240, 236
RGB Percent	100%, 94%, 93%
CMY	0.0000, 0.0571, 0.0728
CMYK	0.00, 0.06, 0.07, 0.00
HSL	13°, 100%, 96%
HSV	13°, 7%, 100%
XYZ	87.9001, 90.0078, 92.4331
YIQ	244.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 241, 236
Decimal	16773356
CIE Lab	96.00, 4.38, 3.73
CIE LCh	96, 5.754, 40.409
Yxy	90.0078, 0.3251, 0.3329
Android (android.graphics.Color)	4294963436 (0xFFFFF0EC)
YUV	244.0290, -3.9583, 9.6216
Hunter-Lab	94.8724, -0.6449, 8.6451

Details

The CIELCh color **96, 5.754, 40.409** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.358, 221.708**, 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, 5.718, 41.726** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.856, 40.890**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



Red (100%)

Green (94%)

Blue (93%)



Red (100%)

Yellow (95%)

Blue (93%)



Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.754, 40.409 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, 5.754, 40.409 by changing the saturation by 10% instead.

 96, 5.754, 40.409	 96, 5.754, 40.409
 100, 5.754, 40.409	 86, 5.754, 40.409
	 76, 5.754, 40.409
	 66, 5.754, 40.409
	 56, 5.754, 40.409
	 46, 5.754, 40.409
	 36, 5.754, 40.409
	 26, 5.754, 40.409
	 16, 5.754, 40.409
	 6, 5.754, 40.409

96, 5.754, 40.409

96, 5.754, 40.409

90, 13.856, 40.890

100, 0.012,
296.813

85, 22.813, 40.825

80, 32.514, 40.901

75, 42.974, 41.159

70, 54.140, 41.630

66, 65.851, 42.314

62, 77.707, 43.125

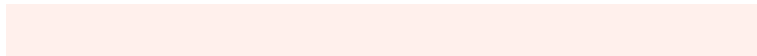
59, 88.797, 43.766

57, 97.306, 43.586

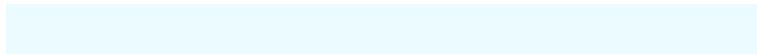
Harmonies

Complementary

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



96, 5.754, 40.409



98, 5.358, 221.708

Rectangle

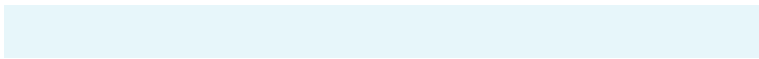
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



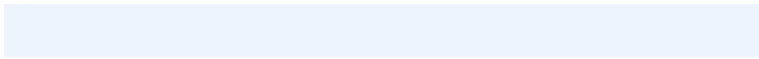
96, 5.754, 40.409



96, 5.754, 90.409



96, 5.754, 220.409



96, 5.754, 270.409

Sweetspot

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



96, 5.600, 41.020



99, 1.505, 40.848



95, 10.075, 330.947



53, 0.855, 40.828



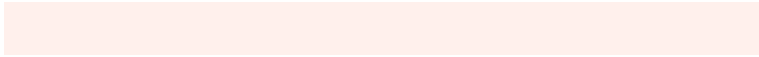
0, 0.000, 0.000



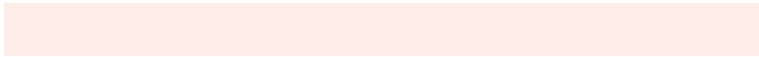
53, 0.007, 296.813

Same Dimension

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



96, 5.600, 41.020



95, 6.975, 41.002



98, 6.880, 92.769



50, 4.415, 40.995



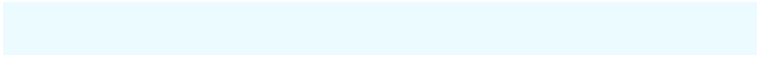
42, 79.449, 43.949



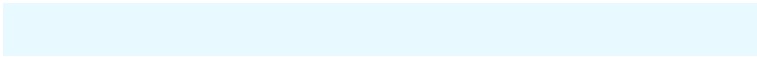
12, 29.747, 38.103

Inverse Universe

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



98, 5.358, 221.708



97, 6.598, 221.757



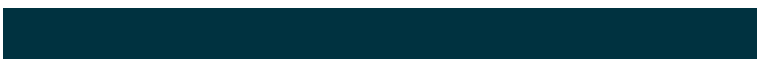
95, 6.905, 274.663



52, 4.163, 221.774



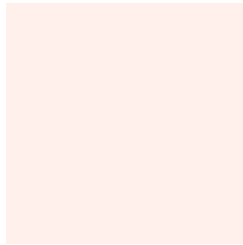
58, 35.738, 239.124



19, 16.213, 233.464

Previews

White Background



This preview shows how the CIELCh color 96, 5.754, 40.409 looks on a white background.

Color Contrast Check

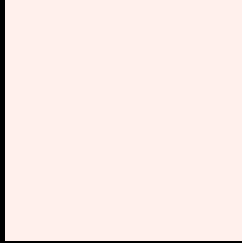
Large Text (above 18pt) WCAG AA × Fail

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 96, 5.754, 40.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

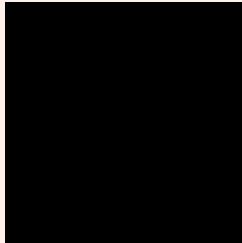
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

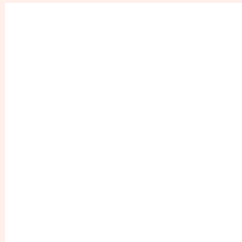
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.754, 40.409

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.754, 40.409.

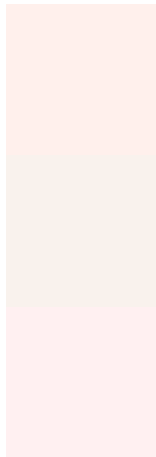


This preview shows how white text looks on a background with the CIELCh color 96, 5.754, 40.409.

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, 5.754, 40.409

Protanopia

96, 3.555, 65.241

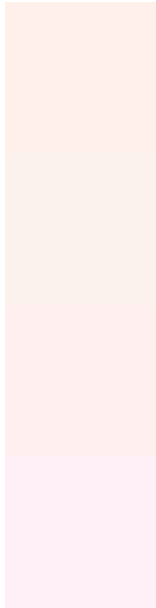
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 9.560, 326.487

Trichromacy



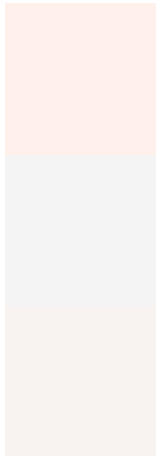
Original Color
96, 5.754, 40.409

Protanomaly
96, 4.104, 49.308

Deuteranomaly
96, 5.387, 25.079

Tritanomaly
96, 6.727, 342.302

Monochromacy



Original Color
96, 5.754, 40.409

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.033, 49.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.754, 40.409 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(255, 240, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 236)  
}
```

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(255, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.754, 40.409 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(255, 240, 236) }
```

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

```
.border{ border-color:rgb(255, 240, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.754, 40.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 236) }
```

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

```
.background{ background-color: rgb(255,  
240, 236) }
```

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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