

Converting Colors

CIELCh(96, 6.154, 59.184)

Have a look what the booklet for
CIELCh(96, 6.154, 59.184) contains.

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Color

CIELCh(96, 6.203, 60.691)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1E9
RGB	254, 241, 233
RGB Percent	100%, 95%, 91%
CMY	0.0032, 0.0542, 0.0856
CMYK	0.00, 0.05, 0.08, 0.00
HSL	23°, 93%, 96%
HSV	23°, 8%, 100%
XYZ	87.1742, 90.0078, 89.9963
YIQ	243.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

Format	Color
RYB	254, 246, 233
Decimal	16708073
CIELab	96.00, 3.04, 5.41
CIElCh	96, 6.203, 60.691
Yxy	90.0078, 0.3263, 0.3369
Android (android.graphics.Color)	4294898153 (0xFFFEF1E9)
YUV	243.9750, -5.4107, 8.7919
Hunter-Lab	94.8724, -2.0108, 10.1680

Details

The CIELCh color **96, 6.203, 60.691** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.991, 242.566**, 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, 6.261, 62.801** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.175, 59.814**, and if you desaturate by 10%, it is **100, 0.287, 201.699**.

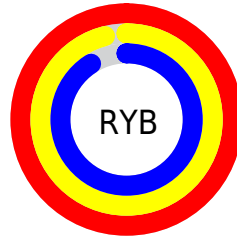
Distribution



Red (100%)

Green (95%)

Blue (91%)



Red (100%)

Yellow (96%)

Blue (91%)



Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.203, 60.691 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, 6.203, 60.691 by changing the saturation by 10% instead.

 96, 6.203, 60.691	 96, 6.203, 60.691
 100, 6.203, 60.691	 86, 6.203, 60.691
	 76, 6.203, 60.691
	 66, 6.203, 60.691
	 56, 6.203, 60.691
	 46, 6.203, 60.691
	 36, 6.203, 60.691
	 26, 6.203, 60.691
	 16, 6.203, 60.691
	 6, 6.203, 60.691

96, 6.203, 60.691

96, 6.203, 60.691

92, 14.175, 59.814

100, 0.287,
201.699

87, 22.695, 58.908

83, 31.801, 58.041

79, 41.504, 57.228

75, 51.754, 56.465

71, 62.375, 55.713

68, 72.934, 54.855

65, 82.505, 53.606

62, 89.690, 51.532

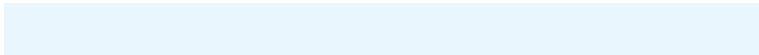
Harmonies

Complementary

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



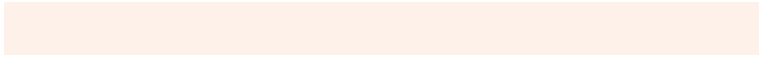
96, 6.203, 60.691



96, 5.991, 242.566

Rectangle

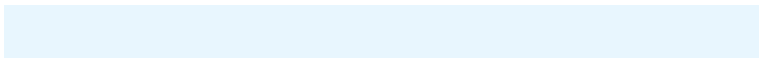
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 6.203, 60.691



96, 6.203, 110.691



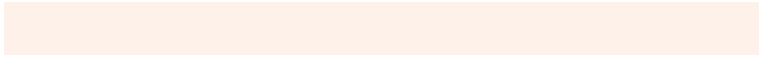
96, 6.203, 240.691



96, 6.203, 290.691

Sweetspot

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



96, 6.203, 60.717



99, 1.471, 61.039



94, 10.136, 337.678



53, 0.836, 61.029



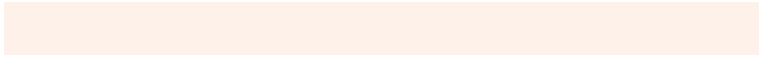
0, 0.000, 0.000



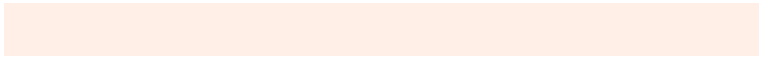
53, 0.007, 296.813

Same Dimension

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



96, 6.203, 60.717



95, 7.570, 60.566



99, 9.284, 103.224



51, 4.297, 60.609



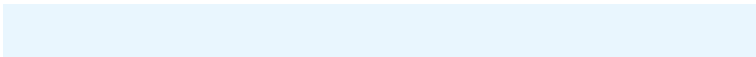
47, 72.893, 51.830



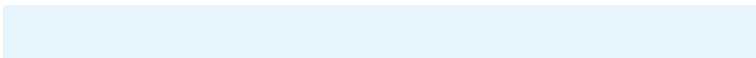
14, 27.628, 50.508

Inverse Universe

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



96, 5.991, 242.566



96, 7.250, 242.753



94, 9.418, 285.085



51, 4.125, 242.698



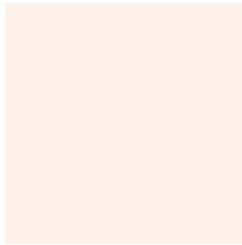
48, 45.785, 269.795



15, 19.297, 262.549

Previews

White Background



This preview shows how the CIE LCh color 96, 6.203, 60.691 looks on a white background.

Color Contrast Check

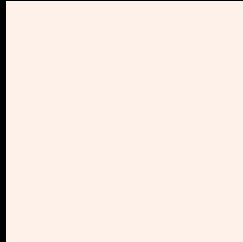
Large Text (above 18pt) WCAG AA × Fail

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, 6.203, 60.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

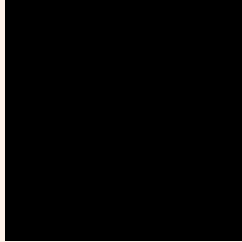
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 6.203, 60.691

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.203, 60.691.

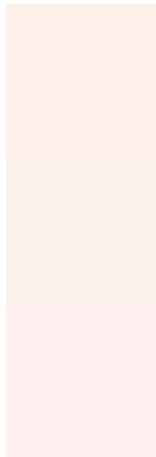


This preview shows how white text looks on a background with the CIELCh color 96, 6.203, 60.691.

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, 6.203, 60.691

Protanopia

96, 4.975, 74.550

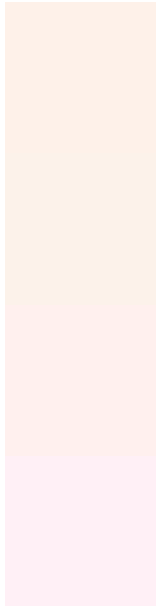
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 9.560, 326.487

Trichromacy



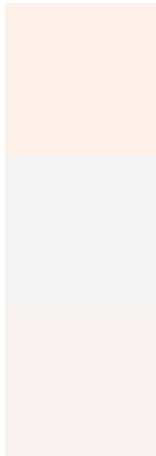
Original Color
96, 6.203, 60.691

Protanomaly
96, 5.423, 68.272

Deuteranomaly
96, 5.464, 30.405

Tritanomaly
96, 6.160, 349.859

Monochromacy



Original Color
96, 6.203, 60.691

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.329, 60.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.203, 60.691 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, 241, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 233)  
}
```

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, 241, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.203, 60.691 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, 241, 233) }
```

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

```
.border{ border-color:rgb(254, 241, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.203, 60.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 233) }
```

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

```
.background{ background-color: rgb(254,  
241, 233) }
```

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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