

Converting Colors

CIELCh(96, 4.686, 52.528)

Have a look what the booklet for
CIELCh(96, 4.686, 52.528) contains.

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Color

CIELCh(96, 4.682, 52.530)

Conversions

Conversions Part 1

Format	Color
Hex	FCF1EC
RGB	252, 241, 236
RGB Percent	99%, 95%, 93%
CMY	0.0101, 0.0533, 0.0729
CMYK	0.00, 0.04, 0.06, 0.01
HSL	19°, 76%, 96%
HSV	19°, 6%, 99%
XYZ	87.0729, 90.0078, 92.4536
YIQ	243.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

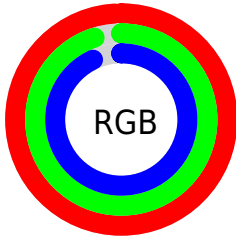
Format	Color
R _Y B	252, 243, 236
Decimal	16577004
CIE Lab	96.00, 2.85, 3.72
CIE LCh	96, 4.682, 52.530
Yxy	90.0078, 0.3230, 0.3339
Android (android.graphics.Color)	4294767084 (0xFFFCF1EC)
YUV	243.7190, -3.8055, 7.2624
Hunter-Lab	94.8724, -2.2014, 8.6323

Details

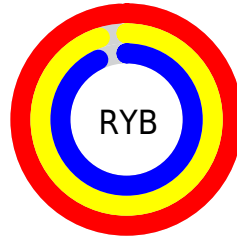
The CIELCh color **96, 4.682, 52.530** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.536, 233.769**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.623, 54.991** is the 20% darker color. If you saturate the color by 10%, you get **91, 12.528, 51.962**, and if you desaturate by 10%, it is **100, 0.898, 200.087**.

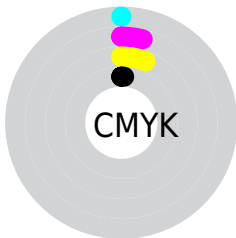
Distribution



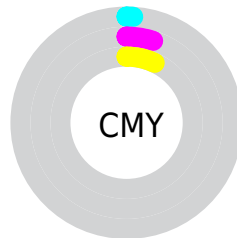
- Red (99%)
- Green (95%)
- Blue (93%)



- Red (99%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.682, 52.530 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, 4.682, 52.530 by changing the saturation by 10% instead.



96, 4.682, 52.530

96, 4.682, 52.530

91, 12.528, 51.962

100, 0.898,
200.087

86, 20.983, 51.364

82, 30.095, 50.839

77, 39.889, 50.415

73, 50.338, 50.102

69, 61.312, 49.882

65, 72.461, 49.665

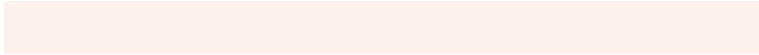
62, 82.978, 49.197

59, 91.316, 47.950

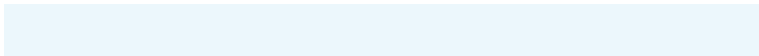
Harmonies

Complementary

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



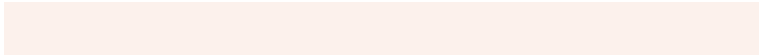
96, 4.682, 52.530



97, 4.536, 233.769

Rectangle

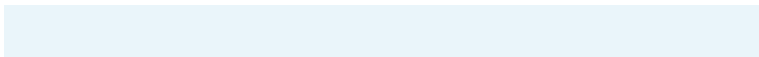
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 4.682, 52.530



96, 4.682, 102.530



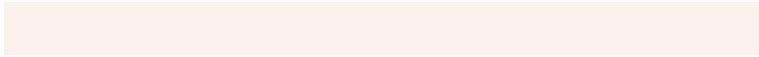
96, 4.682, 232.530



96, 4.682, 282.530

Sweetspot

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



96, 4.682, 52.564



99, 1.462, 52.591



95, 8.099, 334.670



53, 0.831, 52.577



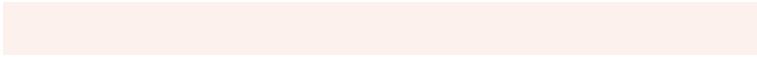
0, 0.000, 0.000



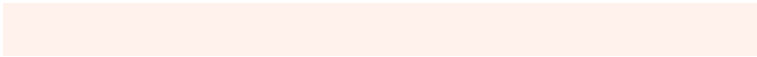
53, 0.007, 296.813

Same Dimension

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



96, 4.682, 52.564



96, 5.993, 52.474



98, 6.597, 99.654



50, 4.213, 52.387



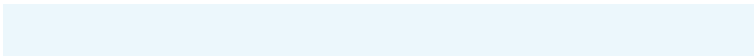
44, 74.920, 48.004



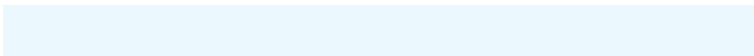
12, 27.163, 44.321

Inverse Universe

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



97, 4.536, 233.769



97, 5.751, 233.886



95, 6.660, 281.177



50, 4.008, 234.003



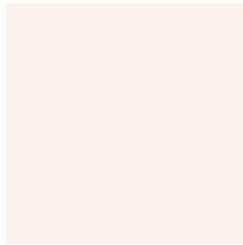
51, 39.900, 258.546



15, 16.998, 251.068

Previews

White Background



This preview shows how the CIELCh color 96, 4.682, 52.530 looks on a white background.

Color Contrast Check

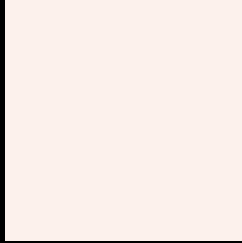
Large Text (above 18pt) WCAG AA × Fail

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, 4.682, 52.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

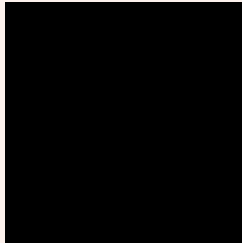
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

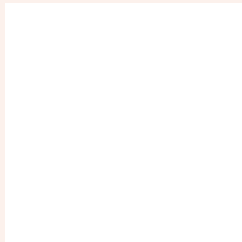
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.682, 52.530

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.682, 52.530.

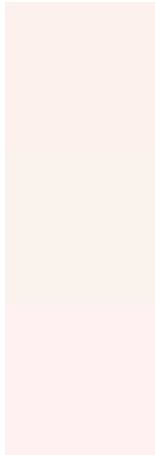


This preview shows how white text looks on a background with the CIELCh color 96, 4.682, 52.530.

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, 4.682, 52.530

Protanopia

96, 3.555, 65.241

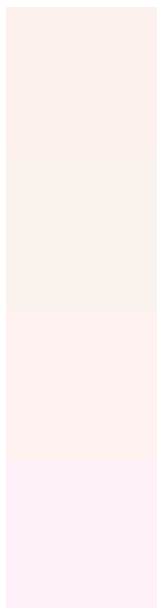
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 9.783, 323.048

Trichromacy



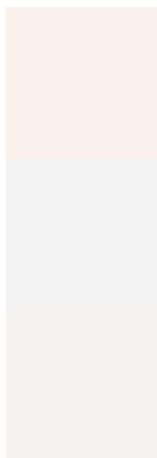
Original Color
96, 4.682, 52.530

Protanomaly
96, 3.815, 61.377

Deuteranomaly
96, 4.750, 31.978

Tritanomaly
96, 6.182, 338.232

Monochromacy



Original Color
96, 4.682, 52.530

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.734, 55.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.682, 52.530 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(252, 241, 236)` looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 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(252, 241, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.682, 52.530 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(252, 241, 236) }
```

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

```
.border{ border-color:rgb(252, 241, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.682, 52.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 236) }
```

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

```
.background{ background-color: rgb(252,  
241, 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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