

Converting Colors

CIELCh(96, 5.008, 62.441)

Have a look what the booklet for
CIELCh(96, 5.008, 62.441) contains.

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Color

CIELCh(96, 5.047, 64.497)

Conversions

Conversions Part 1

Format	Color
Hex	FCF2EB
RGB	252, 242, 235
RGB Percent	99%, 95%, 92%
CMY	0.0127, 0.0518, 0.0793
CMYK	0.00, 0.04, 0.07, 0.01
HSL	25°, 72%, 95%
HSV	25°, 7%, 99%
XYZ	86.7102, 90.0078, 91.2299
YIQ	244.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

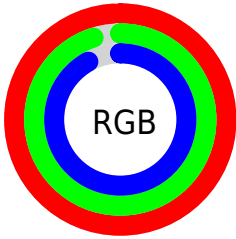
Format	Color
R _Y B	252, 247, 235
Decimal	16577259
CIE Lab	96.00, 2.17, 4.56
CIE LCh	96, 5.047, 64.497
Yxy	90.0078, 0.3236, 0.3359
Android (android.graphics.Color)	4294767339 (0xFFFCF2EB)
YUV	244.1920, -4.5317, 6.8476
Hunter-Lab	94.8724, -2.8839, 9.3971

Details

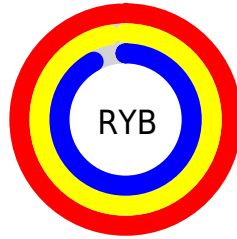
The CIELCh color **96, 5.047, 64.497** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 4.928, 246.208**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.056, 67.377** is the 20% darker color. If you saturate the color by 10%, you get **92, 12.919, 63.535**, and if you desaturate by 10%, it is **100, 1.121, 199.925**.

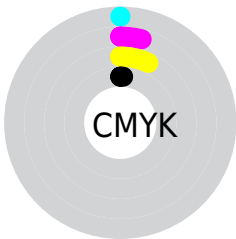
Distribution



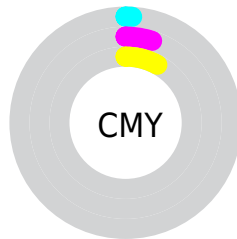
- Red (99%)
- Green (95%)
- Blue (92%)



- Red (99%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.047, 64.497 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, 5.047, 64.497 by changing the saturation by 10% instead.



96, 5.047, 64.497

96, 5.047, 64.497

92, 12.919, 63.535

100, 1.121,
199.925

88, 21.291, 62.510

84, 30.198, 61.504

80, 39.652, 60.531

76, 49.606, 59.587

72, 59.902, 58.638

69, 70.149, 57.579

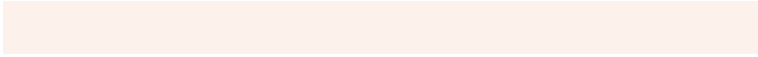
66, 79.519, 56.169

63, 86.648, 53.969

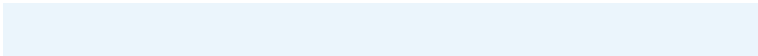
Harmonies

Complementary

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



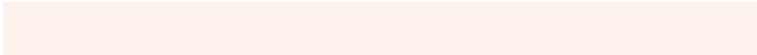
96, 5.047, 64.497



96, 4.928, 246.208

Rectangle

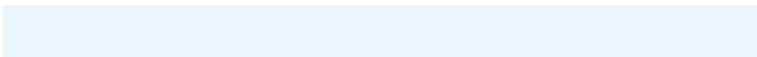
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 5.047, 64.497



96, 5.047, 114.497



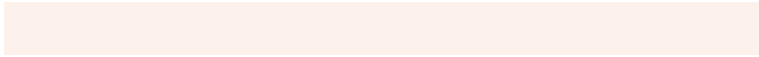
96, 5.047, 244.497



96, 5.047, 294.497

Sweetspot

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



96, 5.047, 64.528



99, 1.485, 64.782



95, 8.014, 339.087



53, 0.844, 64.774



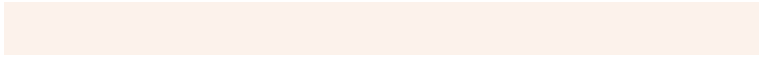
0, 0.000, 0.000



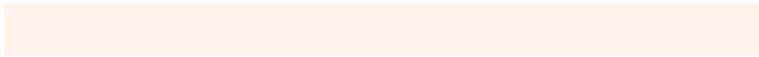
53, 0.007, 296.813

Same Dimension

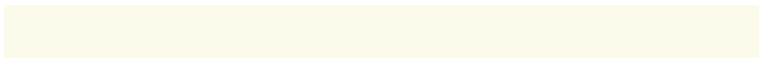
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.047, 64.528



97, 6.067, 64.412



98, 7.789, 105.083



50, 4.261, 64.268



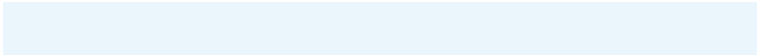
47, 70.944, 53.887



14, 26.167, 52.986

Inverse Universe

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



96, 4.928, 246.208



96, 5.891, 246.344



94, 7.898, 286.559



50, 4.110, 246.516



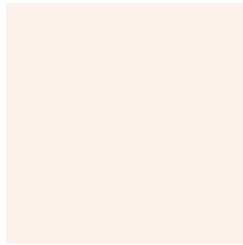
46, 48.204, 274.057



13, 19.669, 266.545

Previews

White Background



This preview shows how the CIELCh color 96, 5.047, 64.497 looks on a white background.

Color Contrast Check

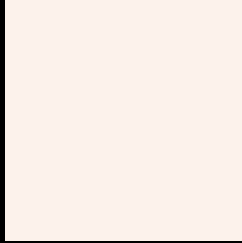
Large Text (above 18pt) WCAG AA × Fail

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, 5.047, 64.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

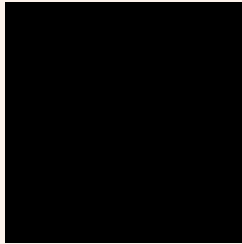
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 5.047, 64.497

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.047, 64.497.

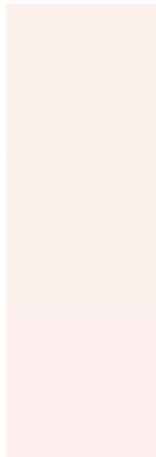


This preview shows how white text looks on a background with the CIELCh color 96, 5.047, 64.497.

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, 5.047, 64.497

Protanopia

96, 4.563, 70.917

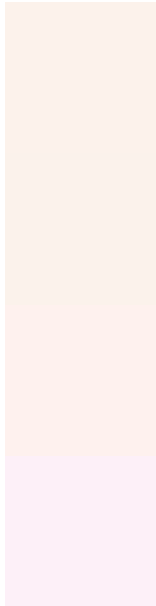
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 9.600, 321.275

Trichromacy



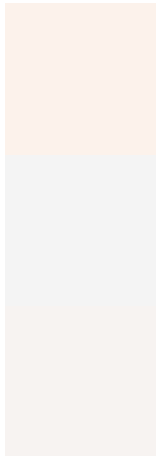
Original Color
96, 5.047, 64.497

Protanomaly
96, 4.797, 67.546

Deuteranomaly
96, 4.889, 37.815

Tritanomaly
96, 6.182, 338.232

Monochromacy



Original Color
96, 5.047, 64.497

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, 5.047, 64.497 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, 242, 235)` looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 235)  
}
```

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, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.047, 64.497 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, 242, 235) }
```

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

```
.border{ border-color:rgb(252, 242, 235) }
```

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

Here you see how a box with a 4 pixel rgb(252, 242, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.047, 64.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 235) }
```

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

```
.background{ background-color: rgb(252,  
242, 235) }
```

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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