

Converting Colors

CIELCh(96, 4.955, 6.864)

Have a look what the booklet for
CIELCh(96, 4.955, 6.864) contains.

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Color

CIELCh(96, 5.096, 8.061)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0F2
RGB	254, 240, 242
RGB Percent	100%, 94%, 95%
CMY	0.0029, 0.0578, 0.0500
CMYK	0.00, 0.06, 0.05, 0.00
HSL	351°, 90%, 97%
HSV	351°, 6%, 100%
XYZ	88.2603, 90.0078, 96.9192
YIQ	244.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

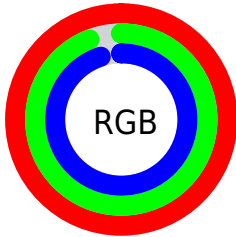
Format	Color
RYB	254, 240, 242
Decimal	16707826
CIELab	96.00, 5.05, 0.71
CIELCh	96, 5.096, 8.061
Yxy	90.0078, 0.3207, 0.3271
Android (android.graphics.Color)	4294897906 (0xFFFEF0F2)
YUV	244.4140, -1.1901, 8.4069
Hunter-Lab	94.8724, 0.0326, 5.8416

Details

The CIELCh color **96, 5.096, 8.061** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 4.962, 187.389**, 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, 4.993, 7.309** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.784, 9.157**, and if you desaturate by 10%, it is **100, 0.260, 201.937**.

Distribution



Red (100%)

Green (94%)

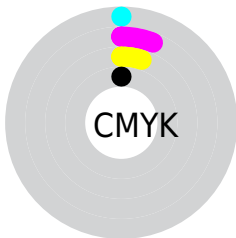
Blue (95%)



Red (100%)

Yellow (94%)

Blue (95%)

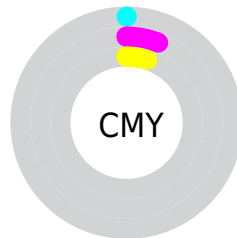


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.096, 8.061 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, 5.096, 8.061 by changing the saturation by 10% instead.

 96, 5.096, 8.061

 96, 5.096, 8.061

 100, 5.096, 8.061

 86, 5.096, 8.061

 76, 5.096, 8.061

 66, 5.096, 8.061

 56, 5.096, 8.061

 46, 5.096, 8.061

 36, 5.096, 8.061

 26, 5.096, 8.061

 16, 5.096, 8.061

 6, 5.096, 8.061

96, 5.096, 8.061

96, 5.096, 8.061

89, 14.784, 9.157

100, 0.260,
201.937

83, 25.024, 10.376

77, 35.729, 11.861

71, 46.718, 13.716

65, 57.702, 16.065

61, 68.299, 19.055

57, 78.113, 22.813

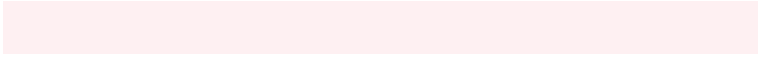
55, 86.861, 27.343

54, 94.371, 32.336

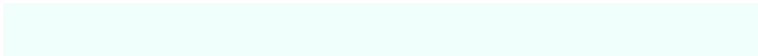
Harmonies

Complementary

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



96, 5.096, 8.061



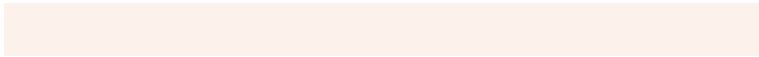
99, 4.962, 187.389

Rectangle

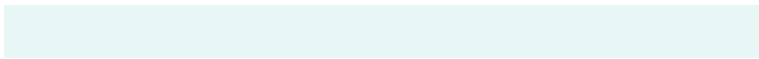
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



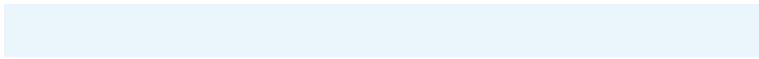
96, 5.096, 8.061



96, 5.096, 58.061



96, 5.096, 188.061



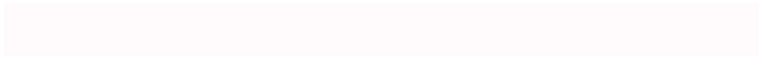
96, 5.096, 238.061

Sweetspot

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



96, 5.094, 8.082



99, 1.837, 7.552



96, 8.337, 320.508



53, 1.044, 7.526



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

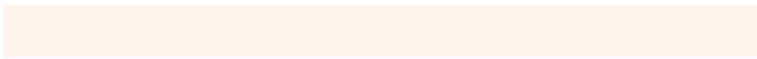
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.094, 8.082



95, 6.521, 8.246



97, 4.076, 57.151



50, 4.245, 8.310



40, 77.857, 33.545



10, 32.325, 21.332

Inverse Universe

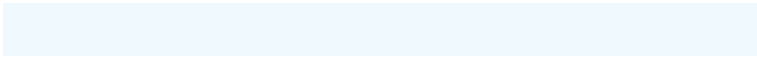
The Inverse Universe completely reimagines the original color for something new.



96, 5.094, 8.082



95, 6.521, 8.246



98, 3.981, 238.414



50, 4.245, 8.310



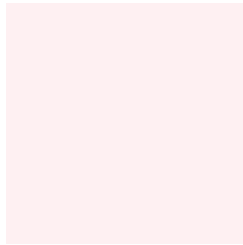
40, 77.857, 33.545



10, 32.325, 21.332

Previews

White Background



This preview shows how the CIELCh color 96, 5.096, 8.061 looks on a white background.

Color Contrast Check

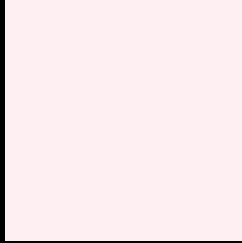
Large Text (above 18pt) WCAG AA × Fail

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, 5.096, 8.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

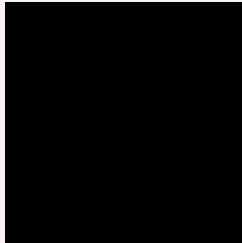
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

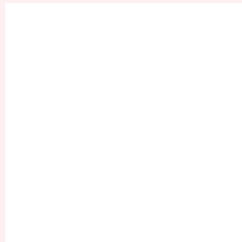
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.096, 8.061

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.096, 8.061.

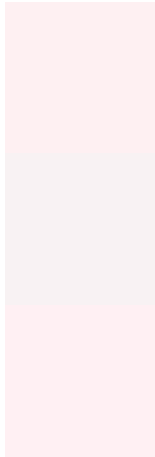


This preview shows how white text looks on a background with the CIELCh color 96, 5.096, 8.061.

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, 5.096, 8.061

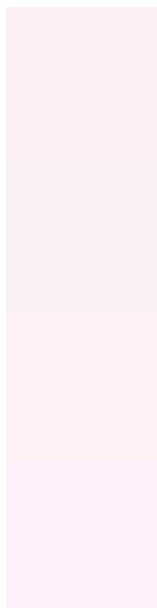
Protanopia
96, 2.191, 5.760

Deuteranopia
96, 5.564, 3.684



Tritanopia
96, 9.976, 324.758

Trichromacy



Original Color

96, 5.096, 8.061

Protanomaly

96, 3.362, 1.725

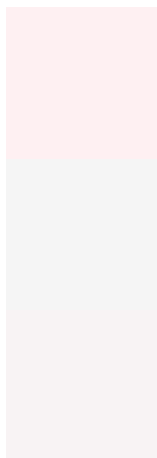
Deuteranomaly

96, 5.564, 3.684

Tritanomaly

96, 8.008, 335.179

Monochromacy



Original Color

96, 5.096, 8.061

Achromatopsia

97, 0.011, 296.813

Achromatomaly

96, 1.847, 3.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.096, 8.061 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, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 242)  
}
```

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, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.096, 8.061 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, 240, 242) }
```

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

```
.border{ border-color:rgb(254, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.096, 8.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 242) }
```

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

```
.background{ background-color: rgb(254,  
240, 242) }
```

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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