

Converting Colors

CIELCh(100, 20.835, 19.630)

Have a look what the booklet for
CIELCh(100, 20.835, 19.630)
contains.

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Color

CIELCh(96, 5.016, 13.779)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0F1
RGB	254, 240, 241
RGB Percent	100%, 94%, 95%
CMY	0.0027, 0.0575, 0.0536
CMYK	0.00, 0.05, 0.05, 0.00
HSL	356°, 91%, 97%
HSV	356°, 5%, 100%
XYZ	88.1658, 90.0078, 96.1954
YIQ	244.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 240, 241
Decimal	16707825
CIE Lab	96.00, 4.87, 1.19
CIE LCh	96, 5.016, 13.779
Yxy	90.0078, 0.3213, 0.3281
Android (android.graphics.Color)	4294897905 (0xFFFEF0F1)
YUV	244.3000, -1.6269, 8.5069
Hunter-Lab	94.8724, -0.1450, 6.2939

Details

The CIELCh color **96, 5.016, 13.779** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 4.863, 193.242**, 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, 4.911, 13.437** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.635, 14.781**, and if you desaturate by 10%, it is **100, 0.239, 202.168**.

Distribution



Red (100%)

Green (94%)

Blue (95%)



Red (100%)

Yellow (94%)

Blue (95%)



Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (0%)



Cyan (0%)

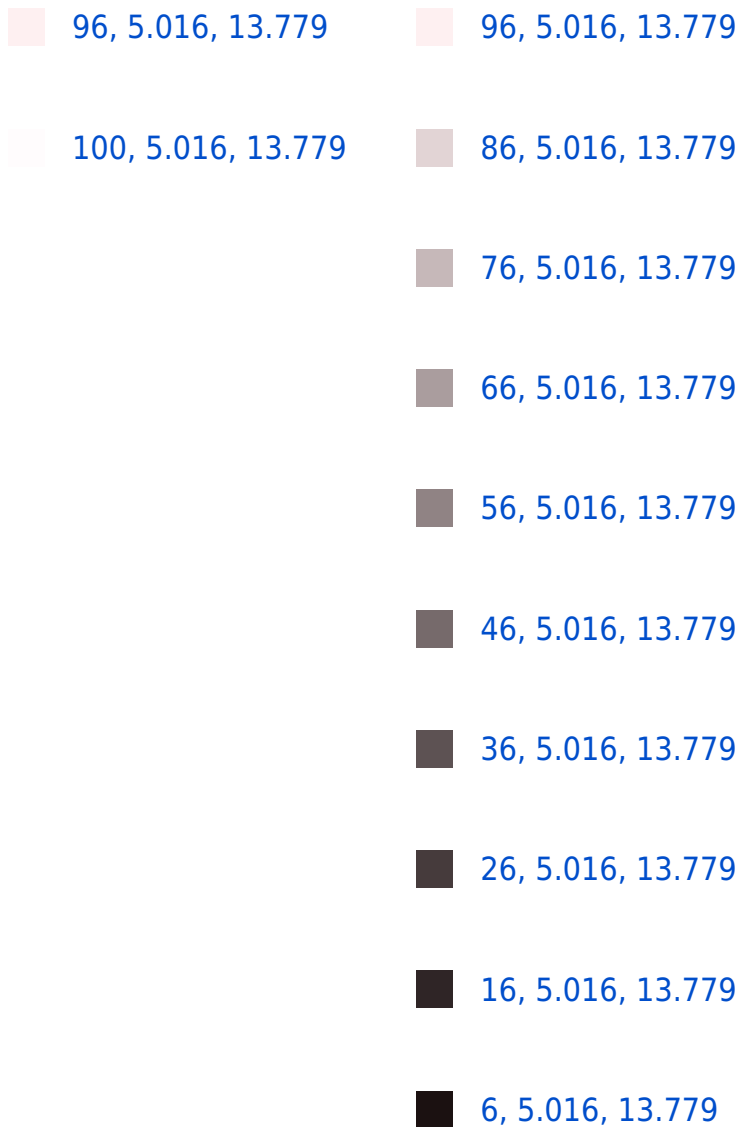
Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.016, 13.779 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, 5.016, 13.779 by changing the saturation by 10% instead.



96, 5.016, 13.779

96, 5.016, 13.779

89, 14.635, 14.781

100, 0.239,
202.168

83, 24.909, 15.911

76, 35.781, 17.320

71, 47.106, 19.113

65, 58.631, 21.415

61, 70.001, 24.353

57, 80.811, 27.999

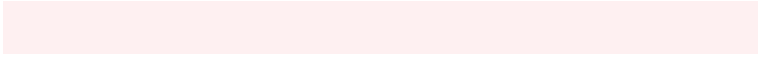
55, 90.627, 32.222

53, 98.711, 36.430

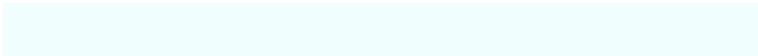
Harmonies

Complementary

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



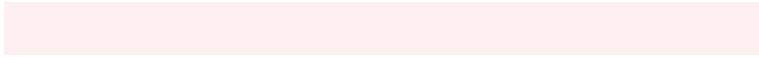
96, 5.016, 13.779



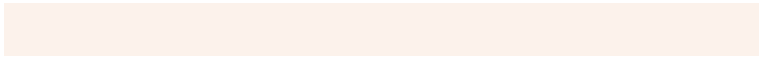
99, 4.863, 193.242

Rectangle

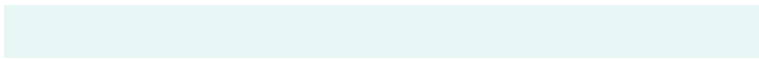
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



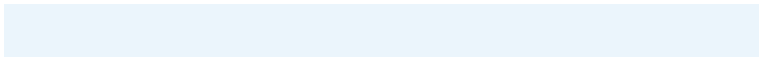
96, 5.016, 13.779



96, 5.016, 63.779



96, 5.016, 193.779



96, 5.016, 243.779

Sweetspot

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



96, 5.014, 13.802



99, 1.806, 13.299



96, 8.498, 322.421



53, 1.027, 13.273



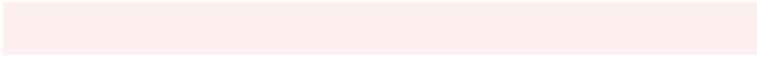
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 5.014, 13.802



95, 6.429, 13.953



97, 4.136, 65.186



50, 4.186, 14.012



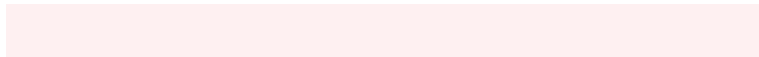
40, 81.279, 37.291



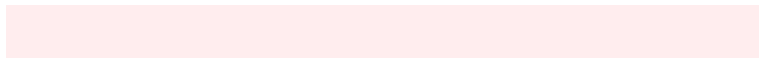
10, 32.806, 24.306

Inverse Universe

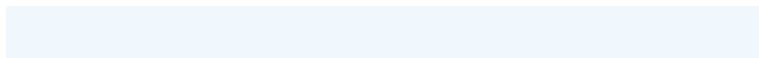
The Inverse Universe completely reimagines the original color for something new.



96, 5.014, 13.802



95, 6.429, 13.953



97, 4.063, 246.643



50, 4.186, 14.012



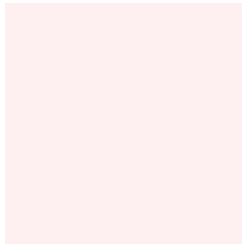
40, 81.279, 37.291



10, 32.806, 24.306

Previews

White Background



This preview shows how the CIE LCh color 96, 5.016, 13.779 looks on a white background.

Color Contrast Check

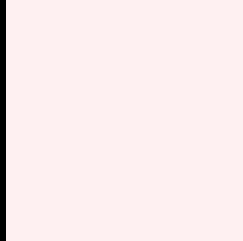
Large Text (above 18pt) WCAG AA × Fail

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, 5.016, 13.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

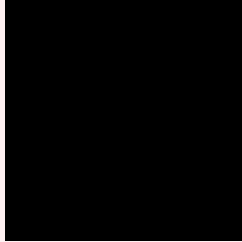
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

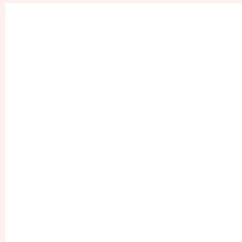
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.016, 13.779

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.016, 13.779.

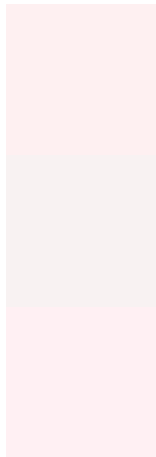


This preview shows how white text looks on a background with the CIELCh color 96, 5.016, 13.779.

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, 5.021, 13.781

Protanopia

96, 2.126, 19.247

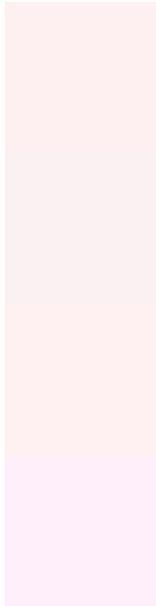
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 9.976, 324.758

Trichromacy



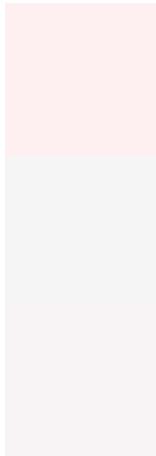
Original Color
96, 5.021, 13.781

Protanomaly
96, 3.241, 10.350

Deuteranomaly
96, 5.448, 8.855

Tritanomaly
96, 8.008, 335.179

Monochromacy



Original Color
96, 5.021, 13.781

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, 5.016, 13.779 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.016, 13.779 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, 241) }
```

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

```
.border{ border-color:rgb(254, 240, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.016, 13.779 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, 241) }
```

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

```
.background{ background-color: rgb(254,  
240, 241) }
```

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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