

Converting Colors

CIELCh(100, 25.190, 16.251)

Have a look what the booklet for
CIELCh(100, 25.190, 16.251)
contains.

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Color

CIELCh(96, 6.408, 1.133)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF3
RGB	255, 239, 243
RGB Percent	100%, 94%, 95%
CMY	0.0000, 0.0611, 0.0454
CMYK	0.00, 0.06, 0.05, 0.00
HSL	345°, 100%, 97%
HSV	345°, 6%, 100%
XYZ	89.0011, 90.0078, 97.8104
YIQ	244.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

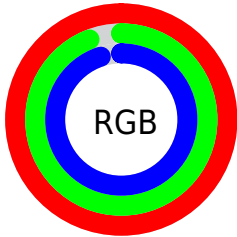
Format	Color
RYB	255, 239, 243
Decimal	16773107
CIELab	96.00, 6.41, 0.13
CIELCh	96, 6.408, 1.133
Yxy	90.0078, 0.3215, 0.3251
Android (android.graphics.Color)	4294963187 (0xFFFFE9F3)
YUV	244.2400, -0.6113, 9.4365
Hunter-Lab	94.8724, 1.4265, 5.2846

Details

The CIELCh color **96, 6.408, 1.133** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 5.795, 178.565**, 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, 6.024, 358.942** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.968, 0.621**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

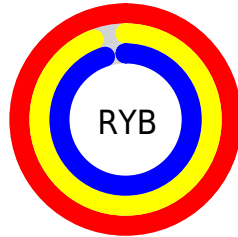
Distribution



Red (100%)

Green (94%)

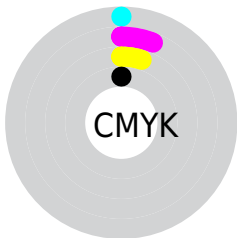
Blue (95%)



Red (100%)

Yellow (94%)

Blue (95%)

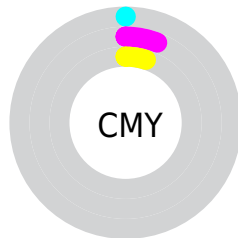


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.408, 1.133 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, 6.408, 1.133 by changing the saturation by 10% instead.

 96, 6.408, 1.133

 96, 6.408, 1.133

 100, 6.408, 1.133

 86, 6.408, 1.133

 76, 6.408, 1.133

 66, 6.408, 1.133

 56, 6.408, 1.133

 46, 6.408, 1.133

 36, 6.408, 1.133

 26, 6.408, 1.133

 16, 6.408, 1.133

 6, 6.408, 1.133

96, 6.408, 1.133

96, 6.408, 1.133

89, 15.968, 0.621

100, 0.012,
296.813

83, 26.413, 1.878

77, 37.115, 3.373

71, 47.833, 5.198

66, 58.207, 7.472

61, 67.785, 10.350

58, 76.120, 14.003

55, 82.969, 18.560

54, 88.477, 23.969

Harmonies

Complementary

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



96, 6.408, 1.133



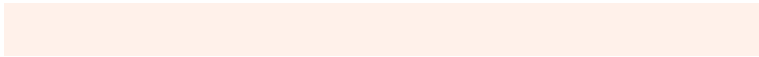
99, 5.795, 178.565

Rectangle

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



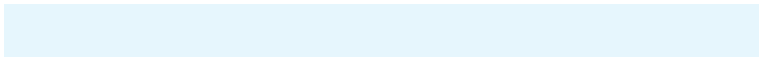
96, 6.408, 1.133



96, 6.408, 51.133



96, 6.408, 181.133



96, 6.408, 231.133

Sweetspot

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



96, 5.919, 359.501



99, 1.922, 358.902



96, 8.974, 317.013



53, 1.093, 358.877



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

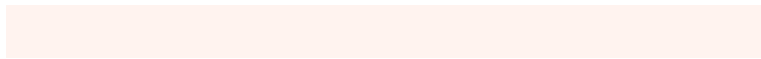
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.919, 359.501



95, 6.797, 359.602



97, 4.640, 43.052



50, 4.423, 359.669



40, 72.336, 25.052



10, 31.664, 15.580

Inverse Universe

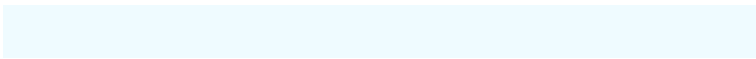
The Inverse Universe completely reimagines the original color for something new.



96, 5.919, 359.501



95, 6.797, 359.602



98, 4.478, 223.809



50, 4.423, 359.669



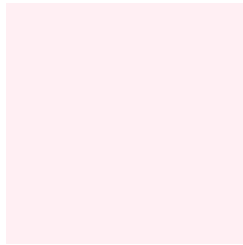
40, 72.336, 25.052



10, 31.664, 15.580

Previews

White Background



This preview shows how the CIE LCh color 96, 6.408, 1.133 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, 6.408, 1.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

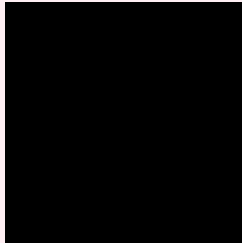
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

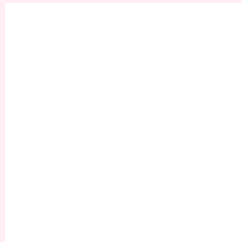
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.408, 1.133

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.408, 1.133.

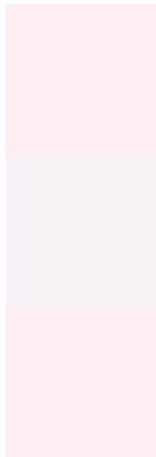


This preview shows how white text looks on a background with the CIELCh color 96, 6.408, 1.133.

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, 6.064, 0.012

Protanopia

96, 2.359, 338.599

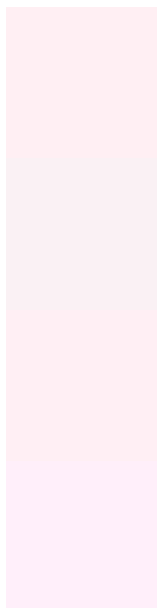
Deuteranopia

96, 6.252, 355.599



Tritanopia
96, 10.185, 326.406

Trichromacy



Original Color

96, 6.064, 0.012

Protanomaly

96, 3.553, 353.868

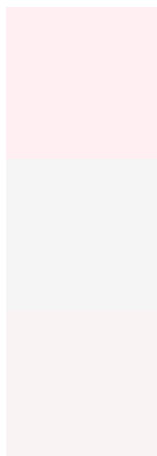
Deuteranomaly

96, 6.252, 355.599

Tritanomaly

96, 8.008, 335.179

Monochromacy



Original Color

96, 6.064, 0.012

Achromatopsia

97, 0.011, 296.813

Achromatomaly

96, 2.190, 5.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.408, 1.133 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(255, 239, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 243)  
}
```

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(255, 239, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.408, 1.133 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(255, 239, 243) }
```

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

```
.border{ border-color:rgb(255, 239, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 239, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.408, 1.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 243) }
```

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

```
.background{ background-color: rgb(255,  
239, 243) }
```

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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