

Converting Colors

CIE LCh(96, 6.221, 350.914)

Have a look what the booklet for
CIELCh(96, 6.221, 350.914) contains.

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Color

CIELCh(96, 6.160, 349.859)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F6
RGB	255, 240, 246
RGB Percent	100%, 94%, 96%
CMY	0.0011, 0.0599, 0.0363
CMYK	0.00, 0.06, 0.04, 0.00
HSL	336°, 97%, 97%
HSV	336°, 6%, 100%
XYZ	88.8140, 90.0078, 99.6638
YIQ	245.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

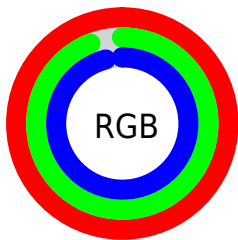
Format	Color
R_{YB}	255, 240, 246
Decimal	16773366
CIE _{Lab}	96.00, 6.06, -1.08
CIE _{LCh}	96, 6.160, 349.859
Yxy	90.0078, 0.3189, 0.3232
Android (android.graphics.Color)	4294963446 (0xFFFFF0F6)
YUV	245.1690, 0.4097, 8.6218
Hunter-Lab	94.8724, 1.0745, 4.1263

Details

The CIELCh color **96, 6.160, 349.859** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 6.077, 168.988**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.149, 348.238** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.877, 350.911**, and if you desaturate by 10%, it is **100, 0.094, 206.488**.

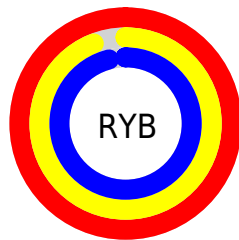
Distribution



Red (100%)

Green (94%)

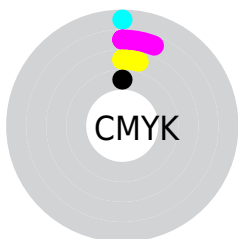
Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)

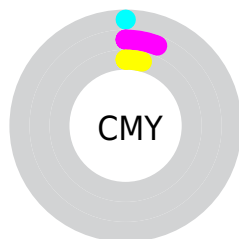


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.160, 349.859 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, 6.160, 349.859 by changing the saturation by 10% instead.



96, 6.160, 349.859

96, 6.160, 349.859

89, 16.877,
350.911

100, 0.094,
206.488

83, 27.840,
352.050

77, 38.860,
353.364

71, 49.638,
354.922

66, 59.748,
356.815

62, 68.653,
359.171

58, 75.813, 2.156

56, 80.877, 5.954

■ 55, 83.947, 10.698

Harmonies

Complementary

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



96, 6.160, 349.859



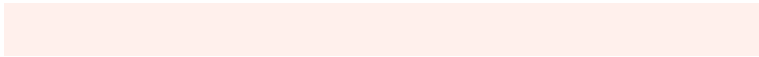
99, 6.077, 168.988

Rectangle

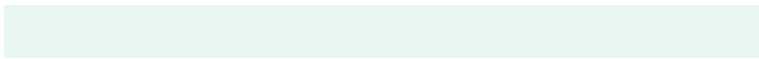
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



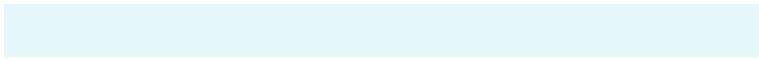
96, 6.160, 349.859



96, 6.160, 39.859



96, 6.160, 169.859



96, 6.160, 219.859

Sweetspot

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



96, 6.157, 349.869



99, 2.085, 349.348



96, 8.347, 312.708



53, 1.185, 349.326



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

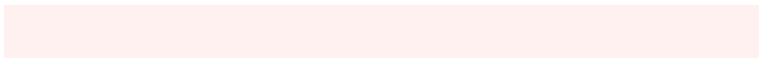
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.157, 349.869



95, 7.343, 349.987



96, 4.875, 28.615



50, 4.776, 350.050



41, 68.328, 11.826



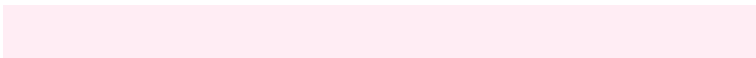
10, 31.301, 4.804

Inverse Universe

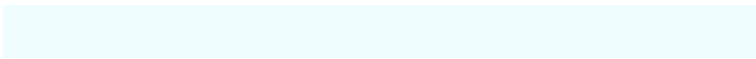
The Inverse Universe completely reimagines the original color for something new.



96, 6.157, 349.869



95, 7.343, 349.987



98, 4.694, 208.636



50, 4.776, 350.050



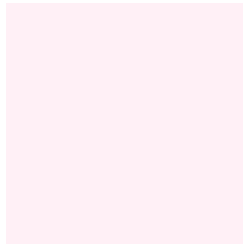
41, 68.328, 11.826



10, 31.301, 4.804

Previews

White Background



This preview shows how the CIELCh color 96, 6.160, 349.859 looks on a white background.

Color Contrast Check

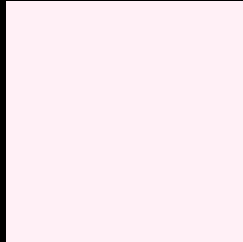
Large Text (above 18pt) WCAG AA × Fail

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, 6.160, 349.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

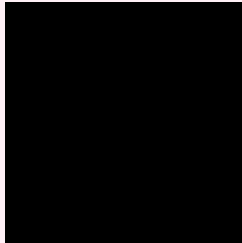
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 6.160, 349.859

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.160, 349.859.

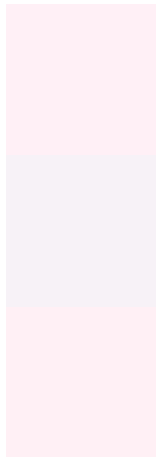


This preview shows how white text looks on a background with the CIELCh color 96, 6.160, 349.859.

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, 6.160, 349.859

Protanopia

96, 3.132, 324.457

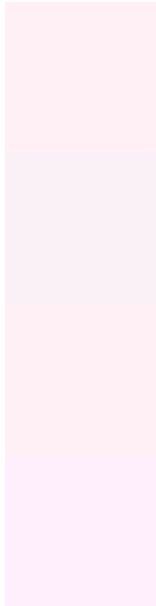
Deuteranopia

96, 5.924, 354.146



Tritanopia
96, 9.976, 324.758

Trichromacy



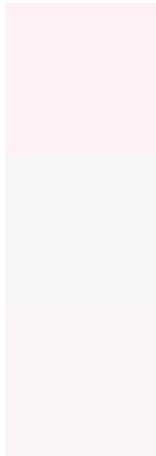
Original Color
96, 6.160, 349.859

Protanomaly
96, 4.446, 335.825

Deuteranomaly
96, 5.924, 354.146

Tritanomaly
96, 8.758, 330.441

Monochromacy



Original Color
96, 6.160, 349.859

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.367, 353.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.160, 349.859 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, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 246)  
}
```

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, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.160, 349.859 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, 240, 246) }
```

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

```
.border{ border-color:rgb(255, 240, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 240, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.160, 349.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 246) }
```

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

```
.background{ background-color: rgb(255,  
240, 246) }
```

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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