

Converting Colors

CIELCh(98, 16.071, 8.773)

Have a look what the booklet for
CIELCh(98, 16.071, 8.773) contains.

CIELCh(96, 6.476, 351.469)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 6.476, 351.469)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F6
RGB	255, 240, 246
RGB Percent	100%, 94%, 96%
CMY	0.0000, 0.0608, 0.0372
CMYK	0.00, 0.06, 0.04, 0.00
HSL	337°, 100%, 97%
HSV	337°, 6%, 100%
XYZ	88.9998, 90.0078, 99.4732
YIQ	245.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

Format	Color
RYB	255, 240, 246
Decimal	16773366
CIELab	96.00, 6.40, -0.96
CIELCh	96, 6.476, 351.469
Yxy	90.0078, 0.3196, 0.3232
Android (android.graphics.Color)	4294963446 (0xFFFFF0F6)
YUV	245.1690, 0.4097, 8.6218
Hunter-Lab	94.8724, 1.4241, 4.2455

Details

The CIELCh color `96, 6.476, 351.469` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 6.226, 169.752`, 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, 6.149, 348.238` is the 20% darker color. If you saturate the color by 10%, you get `89, 16.975, 351.731`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

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, 6.476, 351.469 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, 6.476, 351.469 by changing the saturation by 10% instead.

 96, 6.476, 351.469

 96, 6.476, 351.469

 100, 6.476,
351.469

 86, 6.476, 351.469

 76, 6.476, 351.469

 66, 6.476, 351.469

 56, 6.476, 351.469

 46, 6.476, 351.469

 36, 6.476, 351.469

 26, 6.476, 351.469

 16, 6.476, 351.469

 6, 6.476, 351.469

96, 6.476, 351.469

96, 6.476, 351.469

89, 16.975,
351.731

100, 0.012,
296.813

83, 27.889,
352.887

77, 38.872,
354.226

71, 49.627,
355.818

66, 59.729,
357.758

62, 68.648, 0.178

58, 75.851, 3.249

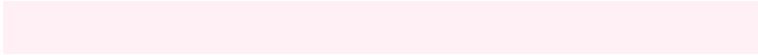
56, 81.005, 7.153

55, 84.231, 12.013

Harmonies

Complementary

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



96, 6.476, 351.469



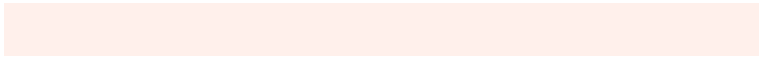
99, 6.226, 169.752

Rectangle

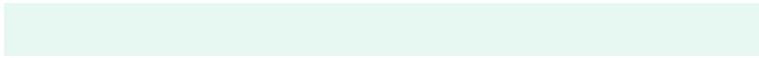
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



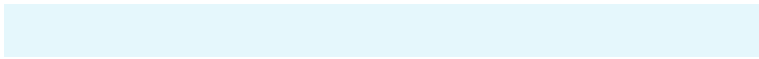
96, 6.476, 351.469



96, 6.476, 41.469



96, 6.476, 171.469



96, 6.476, 221.469

Sweetspot

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



96, 6.314, 350.679



99, 2.068, 350.131



96, 8.625, 312.717



53, 1.176, 350.109



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

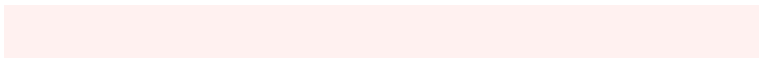
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.314, 350.679



95, 7.287, 350.777



96, 5.040, 28.624



50, 4.739, 350.841



41, 68.504, 13.056



10, 31.285, 5.884

Inverse Universe

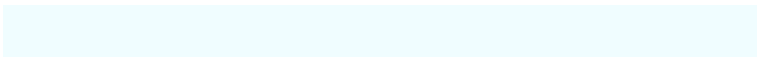
The Inverse Universe completely reimagines the original color for something new.



96, 6.314, 350.679



95, 7.287, 350.777



99, 4.847, 208.629



50, 4.739, 350.841



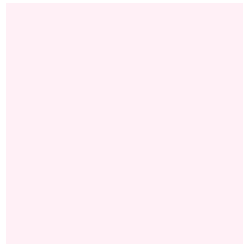
41, 68.504, 13.056



10, 31.285, 5.884

Previews

White Background



This preview shows how the CIELCh color 96, 6.476, 351.469 looks on a white background.

Color Contrast Check

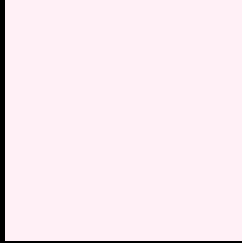
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 96, 6.476, 351.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

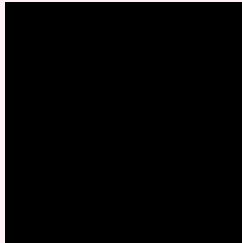
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 6.476, 351.469

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.476, 351.469.

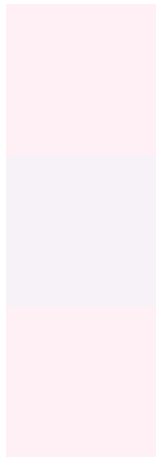


This preview shows how white text looks on a background with the CIELCh color 96, 6.476, 351.469.

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

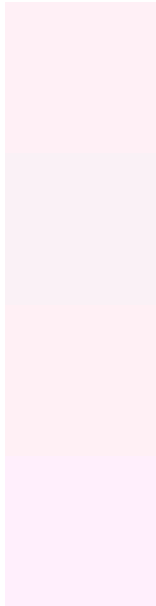
Deuteranopia

96, 5.924, 354.146



Tritanopia
96, 9.976, 324.758

Trichromacy



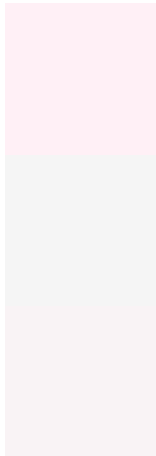
Original Color
96, 6.160, 349.859

Protanomaly
96, 4.106, 340.945

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, 6.476, 351.469 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, 6.476, 351.469 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, 6.476, 351.469 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor