

Converting Colors

CIELCh(100, 70.663, 297.243)

Have a look what the booklet for
CIELCh(100, 70.663, 297.243)
contains.

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Color

CIELCh(96, 8.964, 313.552)

Conversions

Conversions Part 1

Format	Color
Hex	FAF0FF
RGB	250, 240, 255
RGB Percent	98%, 94%, 100%
CMY	0.0192, 0.0584, 0.0000
CMYK	0.02, 0.06, 0.00, 0.00
HSL	280°, 100%, 97%
HSV	280°, 6%, 100%
XYZ	88.8754, 90.0078, 108.2312
YIQ	244.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

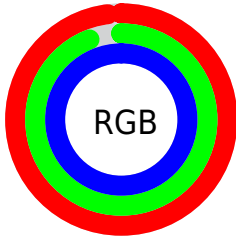
Format	Color
R _Y B	250, 240, 255
Decimal	16445695
CIE Lab	96.00, 6.18, -6.50
CIE LCh	96, 8.964, 313.552
Yxy	90.0078, 0.3095, 0.3135
Android (android.graphics.Color)	4294635775 (0xFFFAF0FF)
YUV	244.7000, 5.0779, 4.6481
Hunter-Lab	94.8724, 1.1900, -1.2278

Details

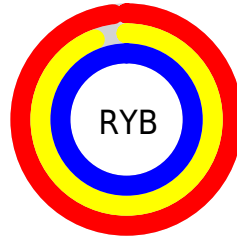
The CIELCh color `96, 8.964, 313.552` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 8.384, 134.598`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 8.423, 316.456` is the 20% darker color. If you saturate the color by 10%, you get `89, 23.138, 315.484`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

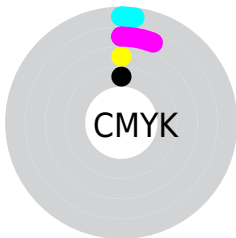
Distribution



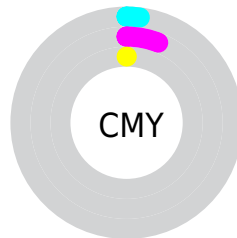
- Red (98%)
- Green (94%)
- Blue (100%)



- Red (98%)
- Yellow (94%)
- Blue (100%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.964, 313.552 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, 8.964, 313.552 by changing the saturation by 10% instead.

 96, 8.964, 313.552

 96, 8.964, 313.552

 100, 8.964,
313.552

 86, 8.964, 313.552

 76, 8.964, 313.552

 66, 8.964, 313.552

 56, 8.964, 313.552

 46, 8.964, 313.552

 36, 8.964, 313.552

 26, 8.964, 313.552

 16, 8.964, 313.552

 6, 8.964, 313.552

96, 8.964, 313.552

96, 8.964, 313.552

89, 23.138,
315.484

100, 0.012,
296.813

82, 38.084,
315.933

76, 53.114,
316.375

70, 67.954,
316.786

64, 82.180,
317.128

58, 95.184,
317.347

54, 106.192,
317.376

50, 114.392,
317.140

■ 48,119.246,
316.577

Harmonies

Complementary

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



96, 8.964, 313.552



99, 8.384, 134.598

Rectangle

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



96, 8.964, 313.552



96, 8.964, 3.552



96, 8.964, 133.552



96, 8.964, 183.552

Sweetspot

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



96, 8.443, 315.037



99, 2.883, 314.830



96, 5.343, 271.928



53, 1.639, 314.822



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, 8.443, 315.037



95, 10.126, 315.090



96, 8.276, 329.703



50, 6.583, 315.117



35, 96.990, 316.450



8, 44.288, 317.685

Inverse Universe

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



96, 5.870, 354.452



95, 7.046, 354.581



99, 8.251, 149.069



50, 4.583, 354.646



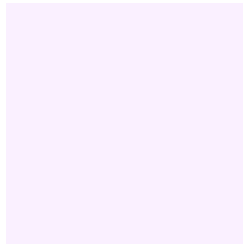
40, 69.785, 18.627



10, 31.360, 10.659

Previews

White Background



This preview shows how the CIELCh color 96, 8.964, 313.552 looks on a white background.

Color Contrast Check

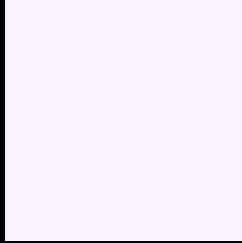
Large Text (above 18pt) WCAG AA × Fail

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, 8.964, 313.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

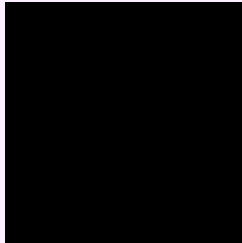
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

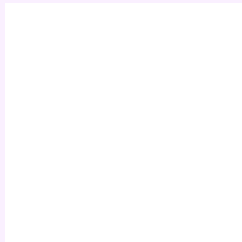
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 8.964, 313.552

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.964, 313.552.



This preview shows how white text looks on a background with the CIELCh color 96, 8.964, 313.552.

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, 8.489, 314.890

Protanopia

96, 6.719, 296.596

Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 8.350, 312.708

Trichromacy



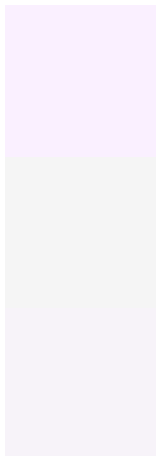
Original Color
96, 8.489, 314.890

Protanomaly
96, 7.418, 304.212

Deuteranomaly
96, 8.322, 326.700

Tritanomaly
96, 8.350, 312.708

Monochromacy



Original Color
96, 8.489, 314.890

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 3.402, 314.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.964, 313.552 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(250, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 255)  
}
```

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(250, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.964, 313.552 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(250, 240, 255) }
```

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

```
.border{ border-color:rgb(250, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.964, 313.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 255) }
```

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

```
.background{ background-color: rgb(250,  
240, 255) }
```

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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