

Converting Colors

CIELCh(96, 5.682, 333.227)

Have a look what the booklet for
CIELCh(96, 5.682, 333.227) contains.

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Color

CIELCh(96, 6.056, 330.111)

Conversions

Conversions Part 1

Format	Color
Hex	FBF0F9
RGB	251, 240, 249
RGB Percent	98%, 94%, 98%
CMY	0.0141, 0.0572, 0.0219
CMYK	0.00, 0.04, 0.01, 0.01
HSL	311°, 60%, 96%
HSV	311°, 4%, 99%
XYZ	88.3715, 90.0078, 102.6702
YIQ	244.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

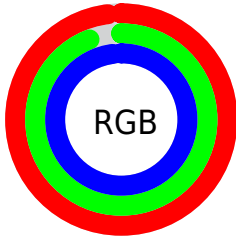
Format	Color
R _Y B	251, 240, 249
Decimal	16511225
CIE Lab	96.00, 5.25, -3.02
CIE LCh	96, 6.056, 330.111
Yxy	90.0078, 0.3144, 0.3203
Android (android.graphics.Color)	4294701305 (0xFFFBF0F9)
YUV	244.3150, 2.3097, 5.8627
Hunter-Lab	94.8724, 0.2419, 2.2476

Details

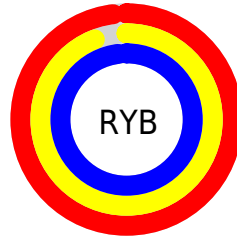
The CIELCh color `96, 6.056, 330.111` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 6.030, 149.691`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 6.124, 327.522` is the 20% darker color. If you saturate the color by 10%, you get `90, 20.013, 330.782`, and if you desaturate by 10%, it is `100, 1.355, 177.390`.

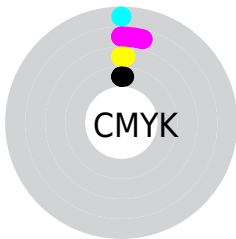
Distribution



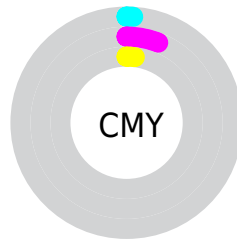
- Red (98%)
- Green (94%)
- Blue (98%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (1%)















- Cyan (1%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.056, 330.111 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, 6.056, 330.111 by changing the saturation by 10% instead.

 96, 6.056, 330.111	 96, 6.056, 330.111
 100, 6.056, 330.111	 86, 6.056, 330.111
	 76, 6.056, 330.111
	 66, 6.056, 330.111
	 56, 6.056, 330.111
	 46, 6.056, 330.111
	 36, 6.056, 330.111
	 26, 6.056, 330.111
	 16, 6.056, 330.111
	 6, 6.056, 330.111

96, 6.056, 330.111

96, 6.056, 330.111

90, 20.013,
330.782

100, 1.355,
177.390

84, 34.024,
331.437

100, 1.248,
199.857

78, 47.819,
332.107

73, 61.011,
332.792

68, 73.086,
333.493

64, 83.430,
334.218

61, 91.417,
334.979

59, 96.565,
335.801

■ 58, 98.740,
336.718

Harmonies

Complementary

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



96, 6.056, 330.111



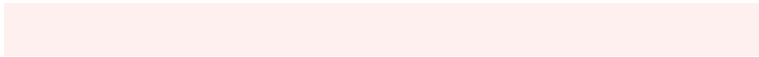
98, 6.030, 149.691

Rectangle

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



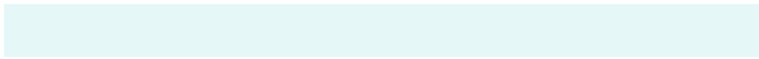
96, 6.056, 330.111



96, 6.056, 20.111



96, 6.056, 150.111



96, 6.056, 200.111

Sweetspot

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



96, 6.053, 330.113



99, 1.403, 329.707



95, 5.699, 297.028



53, 0.798, 329.690



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

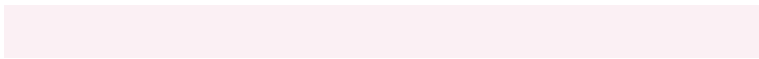
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.053, 330.113



97, 7.001, 330.159



96, 4.343, 353.969



50, 4.700, 330.209



43, 79.974, 337.090



11, 36.820, 335.775

Inverse Universe

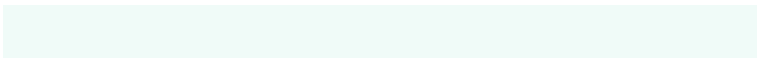
The Inverse Universe completely reimagines the original color for something new.



96, 6.053, 330.113



97, 7.001, 330.159



98, 4.285, 173.422



50, 4.700, 330.209



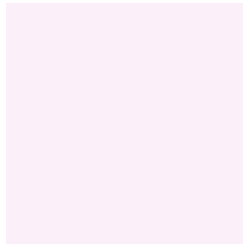
43, 79.974, 337.090



11, 36.820, 335.775

Previews

White Background



This preview shows how the CIELCh color 96, 6.056, 330.111 looks on a white background.

Color Contrast Check

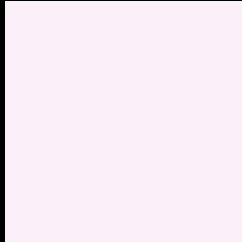
Large Text (above 18pt) WCAG AA × Fail

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, 6.056, 330.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

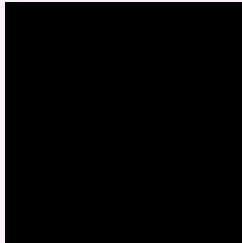
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 6.056, 330.111

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.056, 330.111.

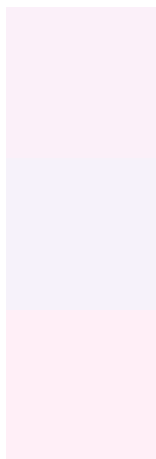


This preview shows how white text looks on a background with the CIELCh color 96, 6.056, 330.111.

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, 6.056, 330.111

Protanopia

96, 4.358, 309.177

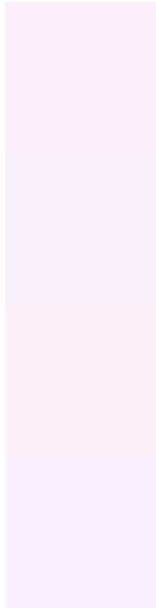
Deuteranopia

96, 7.016, 344.104



Tritanopia
96, 8.640, 317.002

Trichromacy



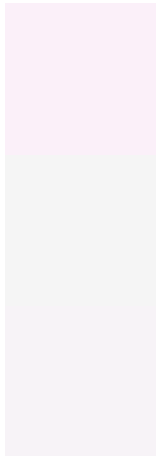
Original Color
96, 6.056, 330.111

Protanomaly
96, 5.259, 318.254

Deuteranomaly
96, 6.450, 340.350

Tritanomaly
96, 7.738, 320.376

Monochromacy



Original Color
96, 6.056, 330.111

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.507, 324.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.056, 330.111 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(251, 240, 249)` looks like.

```
.text, #text, p{  
    color:rgb(251, 240, 249)  
}
```

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(251, 240, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 240, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.056, 330.111 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(251, 240, 249) }
```

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

```
.border{ border-color:rgb(251, 240, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 240, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(251, 240,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.056, 330.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 240, 249) }
```

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

```
.background{ background-color: rgb(251,  
240, 249) }
```

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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