

Converting Colors

CIELCh(97, 3.617, 249.466)

Have a look what the booklet for
CIELCh(97, 3.617, 249.466) contains.

CIELCh(97, 3.679, 256.135)	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(97, 3.679, 256.135)

Conversions

Conversions Part 1

Format	Color
Hex	F1F7FD
RGB	241, 247, 253
RGB Percent	95%, 97%, 99%
CMY	0.0543, 0.0308, 0.0073
CMYK	0.05, 0.02, 0.00, 0.01
HSL	210°, 76%, 97%
HSV	210°, 5%, 99%
XYZ	87.3855, 92.4403, 106.2897
YIQ	245.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

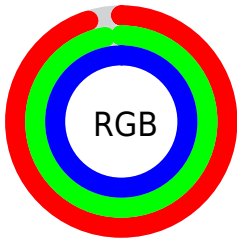
Format	Color
R _Y B	241, 245, 253
Decimal	15857661
CIE Lab	97.00, -0.88, -3.57
CIE LCh	97, 3.679, 256.135
Yxy	92.4403, 0.3054, 0.3231
Android (android.graphics.Color)	4294047741 (0xFFFF1F7FD)
YUV	245.8900, 3.5052, -4.2885
Hunter-Lab	96.1459, -6.0194, 1.7568

Details

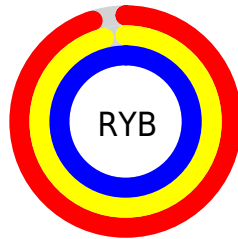
The CIELCh color **97, 3.679, 256.135** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 3.705, 74.687**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.426, 251.121** is the 20% darker color. If you saturate the color by 10%, you get **92, 11.370, 257.450**, and if you desaturate by 10%, it is **100, 0.927, 110.025**.

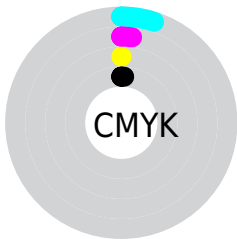
Distribution



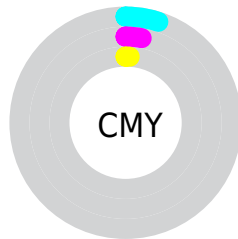
- Red (95%)
- Green (97%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (3%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.679, 256.135 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 97, 3.679, 256.135 by changing the saturation by 10% instead.

 97, 3.679, 256.135

 97, 3.679, 256.135

 100, 3.679,
256.135

 87, 3.679, 256.135

 77, 3.679, 256.135

 67, 3.679, 256.135

 57, 3.679, 256.135

 47, 3.679, 256.135

 37, 3.679, 256.135

 27, 3.679, 256.135

 17, 3.679, 256.135

 7, 3.679, 256.135

97, 3.679, 256.135

97, 3.679, 256.135

92, 11.370,
257.450

100, 0.927,
110.025

87, 18.969,
259.137

82, 26.446,
261.160

78, 33.777,
263.576

73, 40.960,
266.447

68, 48.017,
269.816

64, 55.016,
273.688

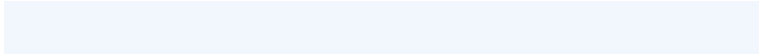
60, 62.061,
278.002

■ 56, 69.275,
282.594

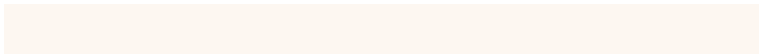
Harmonies

Complementary

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



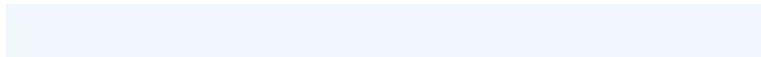
97, 3.679, 256.135



98, 3.705, 74.687

Rectangle

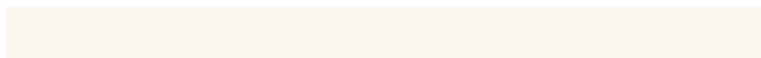
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 3.679, 256.135



97, 3.679, 306.135



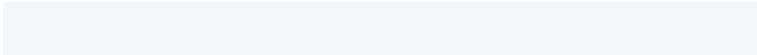
97, 3.679, 76.135



97, 3.679, 126.135

Sweetspot

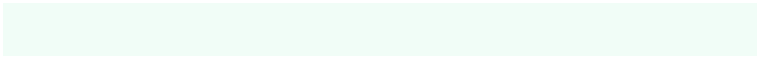
The Sweet Spot groups the original color and five complimentary colors.



97, 3.678, 256.099



99, 0.788, 256.064



98, 5.278, 162.468



53, 0.448, 256.087



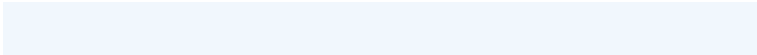
0, 0.000, 0.000



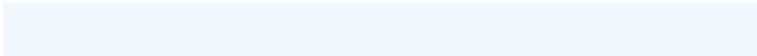
53, 0.007, 296.813

Same Dimension

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



97, 3.678, 256.099



97, 4.678, 256.242



96, 6.062, 290.003



51, 3.102, 256.321



41, 58.272, 284.156



12, 23.719, 277.598

Inverse Universe

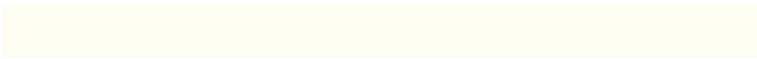
The Inverse Universe completely reimagines the original color for something new.



96, 5.262, 343.933



96, 6.709, 344.059



99, 5.981, 109.033



51, 4.453, 344.122



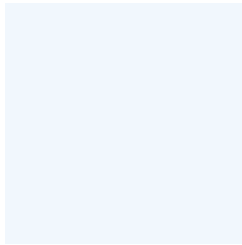
41, 68.250, 2.082



10, 31.872, 356.487

Previews

White Background



This preview shows how the CIELCh color 97, 3.679, 256.135 looks on a white background.

Color Contrast Check

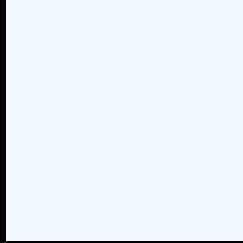
Large Text (above 18pt) WCAG AA × Fail

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 97, 3.679, 256.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

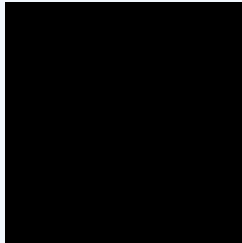
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

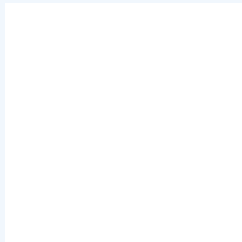
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.679, 256.135

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.679, 256.135.

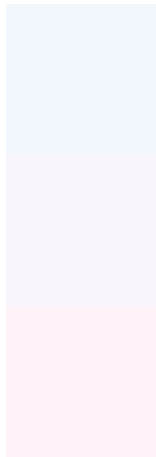


This preview shows how white text looks on a background with the CIELCh color 97, 3.679, 256.135.

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

97, 3.679, 256.135

Protanopia

97, 3.868, 311.597

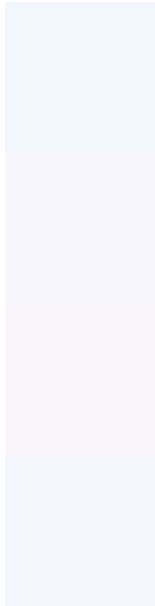
Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 4.617, 286.251

Trichromacy



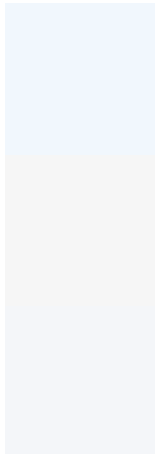
Original Color
97, 3.679, 256.135

Protanomaly
97, 3.077, 290.436

Deuteranomaly
97, 3.559, 319.835

Tritanomaly
97, 4.146, 280.903

Monochromacy



Original Color
97, 3.679, 256.135

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.684, 265.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.679, 256.135 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(241, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(241, 247, 253)  
}
```

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(241, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 247, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.679, 256.135 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(241, 247, 253) }
```

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

```
.border{ border-color:rgb(241, 247, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 247, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(241, 247,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.679, 256.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 247, 253) }
```

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

```
.background{ background-color: rgb(241,  
247, 253) }
```

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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