

Converting Colors

CIELCh(97, 4.532, 227.950)

Have a look what the booklet for
CIELCh(97, 4.532, 227.950) contains.

CIELCh(97, 4.533, 233.733)	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, 4.533, 233.733)

Conversions

Conversions Part 1

Format	Color
Hex	EDF8FD
RGB	237, 248, 253
RGB Percent	93%, 97%, 99%
CMY	0.0696, 0.0265, 0.0069
CMYK	0.06, 0.02, 0.00, 0.01
HSL	199°, 82%, 96%
HSV	199°, 6%, 99%
XYZ	86.4186, 92.4403, 106.4232
YIQ	245.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

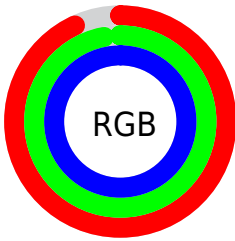
Format	Color
R _Y B	237, 244, 253
Decimal	15595773
CIE Lab	97.00, -2.68, -3.65
CIE LCh	97, 4.533, 233.733
Yxy	92.4403, 0.3029, 0.3240
Android (android.graphics.Color)	4293785853 (0xFFEDF8FD)
YUV	245.2810, 3.8055, -7.2624
Hunter-Lab	96.1459, -7.8146, 1.6745

Details

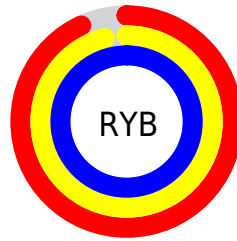
The CIELCh color **97, 4.533, 233.733** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 4.678, 52.502**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.470, 228.007** is the 20% darker color. If you saturate the color by 10%, you get **93, 11.460, 234.574**, and if you desaturate by 10%, it is **100, 0.877, 110.024**.

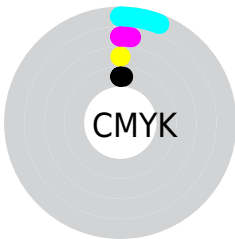
Distribution



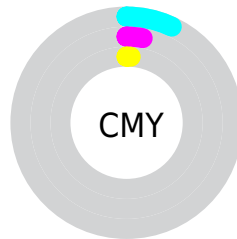
- Red (93%)
- Green (97%)
- Blue (99%)



- Red (93%)
- Yellow (96%)
- Blue (99%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.533, 233.733 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, 4.533, 233.733 by changing the saturation by 10% instead.

97, 4.533, 233.733

97, 4.533, 233.733

100, 4.533,
233.733

87, 4.533, 233.733

77, 4.533, 233.733

67, 4.533, 233.733

57, 4.533, 233.733

47, 4.533, 233.733

37, 4.533, 233.733

27, 4.533, 233.733

17, 4.533, 233.733

7, 4.533, 233.733

97, 4.533, 233.733

97, 4.533, 233.733

93, 11.460,
234.574

100, 0.877,
110.024

90, 18.027,
235.759

86, 24.150,
237.273

83, 29.747,
239.190

80, 34.751,
241.597

77, 39.128,
244.587

74, 42.899,
248.241

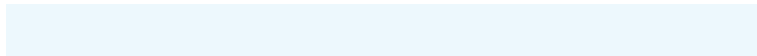
71, 46.164,
252.591

■ 68, 49.115,
257.573

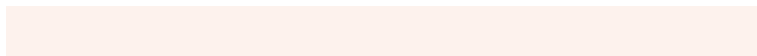
Harmonies

Complementary

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



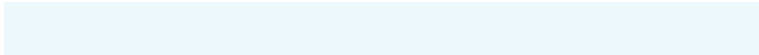
97, 4.533, 233.733



96, 4.678, 52.502

Rectangle

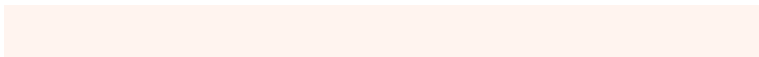
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 4.533, 233.733



97, 4.533, 283.733



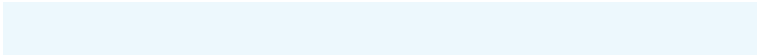
97, 4.533, 53.733



97, 4.533, 103.733

Sweetspot

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



97, 4.533, 233.702



99, 1.457, 233.636



98, 8.055, 153.897



53, 0.829, 233.649



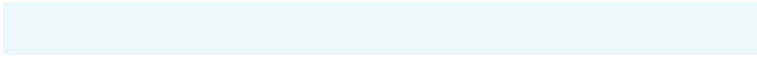
0, 0.000, 0.000



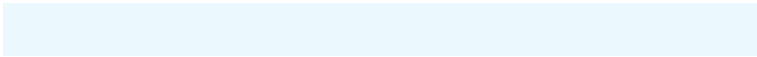
53, 0.007, 296.813

Same Dimension

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



97, 4.533, 233.702



97, 5.751, 233.820



95, 6.655, 281.175



51, 4.074, 233.938



52, 40.285, 258.504



16, 17.496, 251.384

Inverse Universe

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



95, 8.022, 335.172



95, 10.226, 335.302



98, 6.592, 99.657



50, 7.276, 335.416



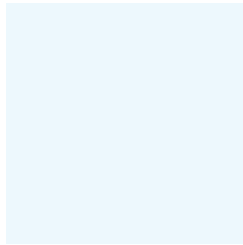
42, 73.746, 345.855



11, 34.759, 343.108

Previews

White Background



This preview shows how the CIELCh color 97, 4.533, 233.733 looks on a white background.

Color Contrast Check

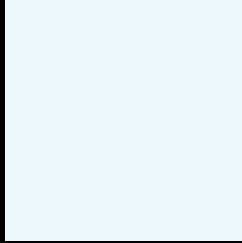
Large Text (above 18pt) WCAG AA × Fail

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 97, 4.533, 233.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

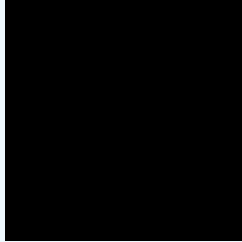
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

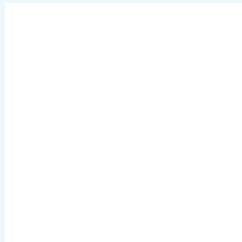
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.533, 233.733

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.533, 233.733.

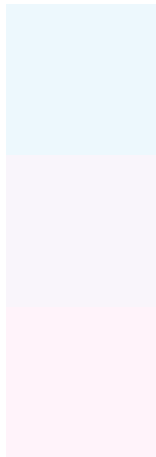


This preview shows how white text looks on a background with the CIELCh color 97, 4.533, 233.733.

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

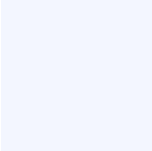
97, 4.533, 233.733

Protanopia

97, 3.397, 314.709

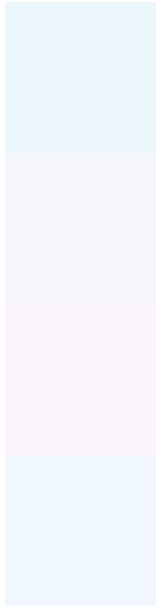
Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 4.708, 277.847

Trichromacy



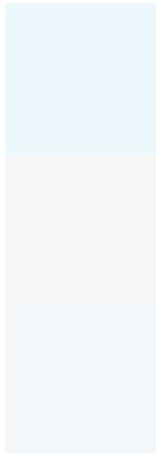
Original Color
97, 4.533, 233.733

Protanomaly
97, 3.091, 283.983

Deuteranomaly
97, 3.397, 314.709

Tritanomaly
97, 4.109, 260.226

Monochromacy



Original Color
97, 4.533, 233.733

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.721, 236.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.533, 233.733 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(237, 248, 253)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 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(237, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.533, 233.733 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(237, 248, 253) }
```

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

```
.border{ border-color:rgb(237, 248, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 248, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 248, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 248, 253);  
box-shadow:4px 4px 4px 4px rgb(237, 248,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.533, 233.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 253) }
```

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

```
.background{ background-color: rgb(237,  
248, 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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