

Converting Colors

CIELCh(31, 55.468, 6.629)

Have a look what the booklet for
CIELCh(31, 55.468, 6.629) contains.

CIELCh(31, 55.574, 6.881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(31, 55.574, 6.881)

Conversions

Conversions Part 1

Format	Color
Hex	930341
RGB	147, 3, 65
RGB Percent	58%, 1%, 25%
CMY	0.4235, 0.9881, 0.7451
CMYK	0.00, 0.98, 0.56, 0.42
HSL	334°, 96%, 29%
HSV	334°, 98%, 58%
XYZ	13.0219, 6.6515, 5.5998
YIQ	53.1240, 65.9220, 49.8100

Conversions

Conversions Part 2

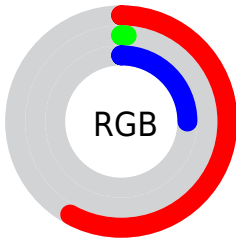
Format	Color
RYB	147, 3, 65
Decimal	9634625
CIELab	31.00, 55.17, 6.66
CIElCh	31, 55.574, 6.881
Yxy	6.6515, 0.5152, 0.2632
Android (android.graphics.Color)	4287824705 (0xFF930341)
YUV	53.1240, 5.8549, 82.3293
Hunter-Lab	25.7905, 44.9932, 5.1799

Details

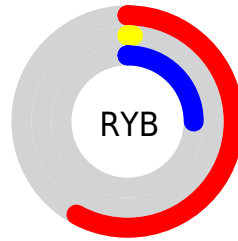
The CIELCh color **31, 55.574, 6.881** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **54, 53.635, 153.797**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 55.555, 7.040**, and **16, 40.484, 20.134** is the 20% darker color. If you saturate the color by 10%, you get **31, 56.009, 7.727**, and if you desaturate by 10%, it is **32, 53.515, 2.811**.

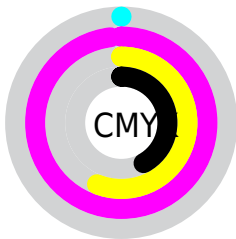
Distribution



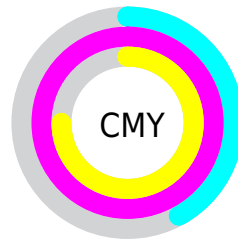
- Red (58%)
- Green (1%)
- Blue (25%)



- Red (58%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (98%)
- Yellow (56%)
- Black (42%)



- Cyan (42%)
- Magenta (99%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 55.574, 6.881 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 31, 55.574, 6.881 by changing the saturation by 10% instead.

 31, 55.574, 6.881  31, 55.574, 6.881

 100, 55.574, 6.881  21, 55.574, 6.881

 51, 55.574, 6.881  11, 55.574, 6.881

 61, 55.574, 6.881  1, 55.574, 6.881

 71, 55.574, 6.881  0, 55.574, 6.881

 81, 55.574, 6.881

 91, 55.574, 6.881

 31, 55.574, 6.881  31, 55.574, 6.881

 31, 56.009, 7.727  32, 53.515, 2.811

 34, 50.303,

359.453

■ 36, 45.739,
356.791

■ 39, 40.056,
354.664

■ 42, 33.588,
352.931

■ 46, 26.662,
351.486

■ 49, 19.544,
350.253

■ 53, 12.422,
349.175

■ 58, 5.422, 348.196

Harmonies

Complementary

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



31, 55.574, 6.881



54, 53.635, 153.797

Rectangle

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



31, 55.574, 6.881



31, 55.574, 56.881



31, 55.574, 186.881



31, 55.574, 236.881

Sweetspot

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



31, 55.571, 6.883



63, 25.177, 350.447



24, 80.595, 313.795



31, 17.450, 350.917



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



31, 55.571, 6.883



41, 68.058, 8.846



31, 66.759, 39.885



29, 3.888, 348.319



29, 53.397, 7.409



1, 3.357, 347.576

Inverse Universe

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



31, 55.571, 6.883



41, 68.058, 8.846



52, 30.465, 207.315



29, 3.888, 348.319



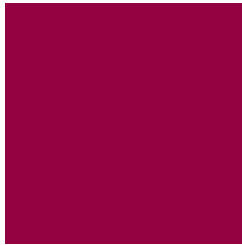
29, 53.397, 7.409



1, 3.357, 347.576

Previews

White Background



This preview shows how the CIELCh color 31, 55.574, 6.881 looks on a white background.

Color Contrast Check

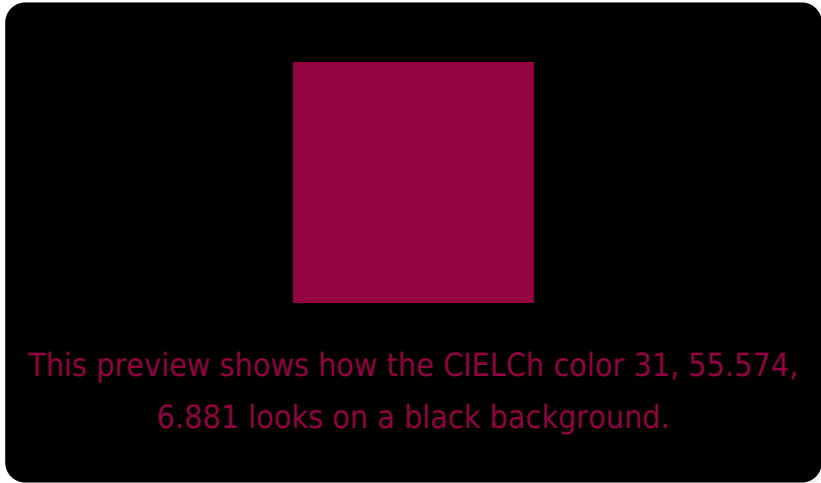
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

CIELCh 31, 55.574, 6.881

Background



This preview shows how black text looks on a background with the CIELCh color 31, 55.574, 6.881.



This preview shows how white text looks on a background with the CIELCh color 31, 55.574, 6.881.

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

31, 55.574, 6.881

Protanopia

32, 12.091, 284.892

Deuteranopia

32, 11.774, 68.046



Tritanopia
31, 58.151, 34.367

Trichromacy



Original Color
31, 55.574, 6.881

Protanomaly
28, 29.467, 338.861

Deuteranomaly
29, 29.397, 10.236

Tritanomaly
31, 55.988, 24.597

Monochromacy



Original Color
31, 55.574, 6.881

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 26.846, 354.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 55.574, 6.881 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(147, 3, 65)` looks like.

```
.text, #text, p{  
    color:rgb(147, 3, 65)  
}
```

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(147, 3, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 3, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 55.574, 6.881 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(147, 3, 65) }
```

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

```
.border{ border-color:rgb(147, 3, 65) }
```

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

Here you see how a box with a 4 pixel rgb(147, 3, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 3, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 3, 65);  
box-shadow:4px 4px 4px 4px rgb(147, 3, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 55.574, 6.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 3, 65) }
```

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

```
.background{ background-color: rgb(147, 3,  
65) }
```

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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