

Converting Colors

CIELCh(31, 54.844, 8.718)

Have a look what the booklet for
CIELCh(31, 54.844, 8.718) contains.

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Color

CIELCh(31, 54.776, 8.925)

Conversions

Conversions Part 1

Format	Color
Hex	92083E
RGB	146, 8, 62
RGB Percent	57%, 3%, 24%
CMY	0.4264, 0.9702, 0.7560
CMYK	0.00, 0.95, 0.57, 0.43
HSL	336°, 90%, 30%
HSV	336°, 95%, 57%
XYZ	12.8618, 6.6515, 5.1944
YIQ	55.4180, 64.9140, 46.0500

Conversions

Conversions Part 2

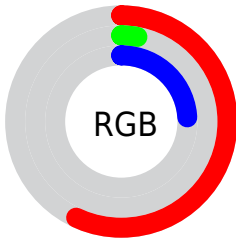
Format	Color
R_{YB}	146, 8, 62
Decimal	9570366
CIE Lab	31.00, 54.11, 8.50
CIE LCh	31, 54.776, 8.925
Yxy	6.6515, 0.5206, 0.2692
Android (android.graphics.Color)	4287760446 (0xFF92083E)
YUV	55.4180, 3.2449, 79.4404
Hunter-Lab	25.7905, 43.8849, 6.1118

Details

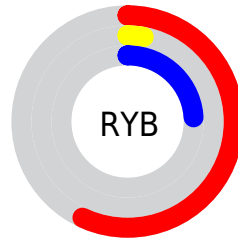
The CIELCh color **31, 54.776, 8.925** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **53, 50.317, 156.689**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 54.383, 9.199**, and **16, 40.692, 22.554** is the 20% darker color. If you saturate the color by 10%, you get **30, 56.003, 11.197**, and if you desaturate by 10%, it is **32, 52.220, 4.742**.

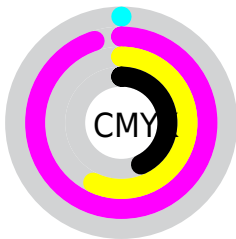
Distribution



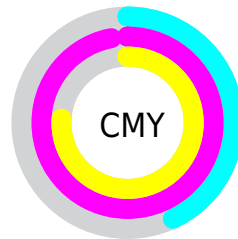
- Red (57%)
- Green (3%)
- Blue (24%)



- Red (57%)
- Yellow (3%)
- Blue (24%)



- Cyan (0%)
- Magenta (95%)
- Yellow (57%)
- Black (43%)



- Cyan (43%)
- Magenta (97%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 54.776, 8.925 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, 54.776, 8.925 by changing the saturation by 10% instead.

 31, 54.776, 8.925  31, 54.776, 8.925

 100, 54.776, 8.925  21, 54.776, 8.925

 51, 54.776, 8.925  11, 54.776, 8.925

 61, 54.776, 8.925  1, 54.776, 8.925

 71, 54.776, 8.925  0, 54.776, 8.925

 81, 54.776, 8.925

 91, 54.776, 8.925

 31, 54.776, 8.925  31, 54.776, 8.925

 30, 56.003, 11.197  32, 52.220, 4.742

 34, 48.411, 1.387

■ 36, 43.389,
358.728

■ 39, 37.417,
356.601

■ 43, 30.823,
354.868

■ 46, 23.906,
353.424

■ 50, 16.898,
352.192

■ 54, 9.957, 351.114

■ 59, 3.183, 350.101

Harmonies

Complementary

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



31, 54.776, 8.925



53, 50.317, 156.689

Rectangle

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



31, 54.776, 8.925



31, 54.776, 58.925



31, 54.776, 188.925



31, 54.776, 238.925

Sweetspot

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



31, 54.773, 8.927



63, 23.825, 352.637



25, 78.577, 314.828



31, 16.630, 353.130



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, 54.773, 8.927



41, 68.407, 12.410



31, 64.222, 39.962



29, 3.802, 350.554



29, 53.565, 10.884



1, 3.278, 349.793

Inverse Universe

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



31, 54.773, 8.927



41, 68.407, 12.410



50, 29.306, 213.039



29, 3.802, 350.554



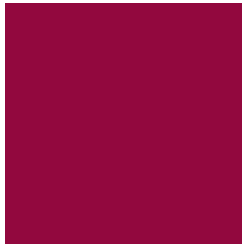
29, 53.565, 10.884



1, 3.278, 349.793

Previews

White Background



This preview shows how the CIELCh color 31, 54.776, 8.925 looks on a white background.

Color Contrast Check

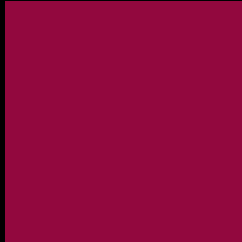
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 31, 54.776, 8.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

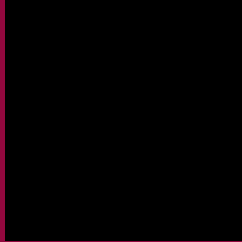
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 54.776, 8.925

Background



This preview shows how black text looks on a background with the CIELCh color 31, 54.776, 8.925.



This preview shows how white text looks on a background with the CIELCh color 31, 54.776, 8.925.

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, 54.640, 9.024

Protanopia

32, 9.549, 284.652

Deuteranopia

32, 13.146, 69.594



Tritanopia
31, 58.151, 34.367

Trichromacy



Original Color
31, 54.640, 9.024

Protanomaly
28, 27.706, 342.139

Deuteranomaly
29, 28.985, 14.775

Tritanomaly
31, 55.659, 25.219

Monochromacy



Original Color
31, 54.640, 9.024

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 25.637, 355.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 54.776, 8.925 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(146, 8, 62)` looks like.

```
.text, #text, p{  
    color:rgb(146, 8, 62)  
}
```

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(146, 8, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 8, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 54.776, 8.925 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(146, 8, 62) }
```

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

```
.border{ border-color:rgb(146, 8, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 8, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 8, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 8, 62);  
box-shadow:4px 4px 4px 4px rgb(146, 8, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 54.776, 8.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 8, 62) }
```

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

```
.background{ background-color: rgb(146, 8,  
62) }
```

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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