

Converting Colors

CIELCh(31, 44.097, 6.434)

Have a look what the booklet for
CIELCh(31, 44.097, 6.434) contains.

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Color

CIELCh(31, 44.366, 6.528)

Conversions

Conversions Part 1

Format	Color
Hex	862343
RGB	134, 35, 67
RGB Percent	53%, 14%, 26%
CMY	0.4751, 0.8634, 0.7378
CMYK	0.00, 0.74, 0.50, 0.48
HSL	341°, 59%, 33%
HSV	341°, 74%, 52%
XYZ	11.4117, 6.6515, 5.9724
YIQ	68.2490, 48.7320, 30.9400

Conversions

Conversions Part 2

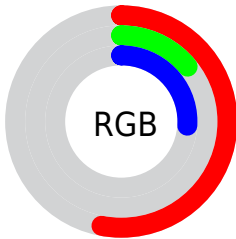
Format	Color
R_{YB}	134, 35, 67
Decimal	8790851
CIE _{Lab}	31.00, 44.08, 5.04
CIE _{LCh}	31, 44.366, 6.528
Yxy	6.6515, 0.4748, 0.2767
Android (android.graphics.Color)	4286980931 (0xFF862343)
YUV	68.2490, -0.6158, 57.6636
Hunter-Lab	25.7905, 33.8484, 4.3233

Details

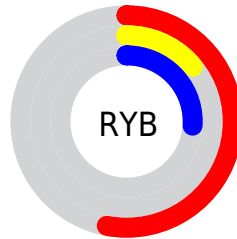
The CIELCh color **31, 44.366, 6.528** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **50, 37.256, 165.589**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 44.320, 6.303**, and **14, 36.458, 14.043** is the 20% darker color. If you saturate the color by 10%, you get **29, 48.459, 10.124**, and if you desaturate by 10%, it is **33, 39.327, 3.672**.

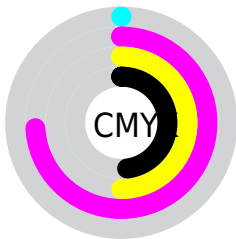
Distribution



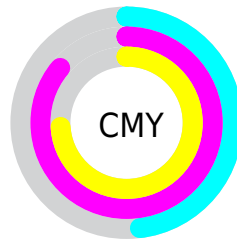
- Red (53%)
- Green (14%)
- Blue (26%)



- Red (53%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (74%)
- Yellow (50%)
- Black (48%)



- Cyan (48%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 44.366, 6.528 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, 44.366, 6.528 by changing the saturation by 10% instead.

 31, 44.366, 6.528

 31, 44.366, 6.528

 100, 44.366, 6.528

 21, 44.366, 6.528

 51, 44.366, 6.528

 11, 44.366, 6.528

 61, 44.366, 6.528

 1, 44.366, 6.528

 71, 44.366, 6.528

 0, 44.366, 6.528

 81, 44.366, 6.528

 91, 44.366, 6.528

 31, 44.366, 6.528

 31, 44.366, 6.528

 29, 48.459, 10.124

 33, 39.327, 3.672

 28, 51.563, 14.563

 36, 33.577, 1.391

27, 53.386, 17.305

39, 27.392,
359.545

43, 21.019,
358.021

47, 14.645,
356.734

50, 8.394, 355.618

54, 2.341, 354.552

58, 3.479, 173.954

62, 9.053, 173.134

Harmonies

Complementary

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



31, 44.366, 6.528



50, 37.256, 165.589

Rectangle

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



31, 44.366, 6.528



31, 44.366, 56.528



31, 44.366, 186.528



31, 44.366, 236.528

Sweetspot

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



31, 44.364, 6.530



60, 16.574, 356.559



29, 62.426, 317.250



30, 11.126, 356.825



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



31, 44.364, 6.530



38, 61.314, 13.150



33, 44.449, 39.380



26, 3.334, 355.115



26, 52.254, 17.134



0, 0.785, 354.347

Inverse Universe

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



31, 44.364, 6.530



38, 61.314, 13.150



45, 24.518, 221.108



26, 3.334, 355.115



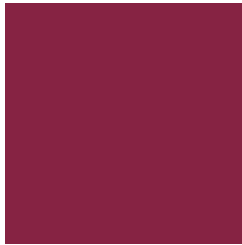
26, 52.254, 17.134



0, 0.785, 354.347

Previews

White Background



This preview shows how the CIE LCh color 31, 44.366, 6.528 looks on a white background.

Color Contrast Check

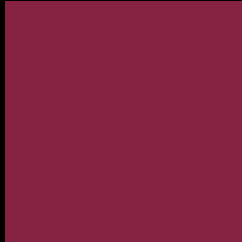
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.366, 6.528 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, 44.366, 6.528

Background



This preview shows how black text looks on a background with the CIELCh color 31, 44.366, 6.528.



This preview shows how white text looks on a background with the CIELCh color 31, 44.366, 6.528.

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, 44.366, 6.528

Protanopia

32, 8.943, 284.017

Deuteranopia

31, 9.139, 58.473



Tritanopia
31, 44.599, 27.981

Trichromacy



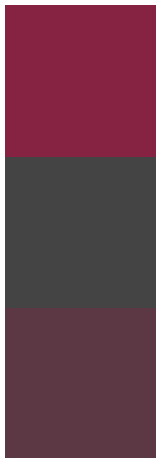
Original Color
31, 44.366, 6.528

Protanomaly
30, 19.307, 342.039

Deuteranomaly
30, 21.257, 13.453

Tritanomaly
31, 43.503, 20.053

Monochromacy



Original Color
31, 44.366, 6.528

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 17.913, 357.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 44.366, 6.528 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(134, 35, 67)` looks like.

```
.text, #text, p{  
    color:rgb(134, 35, 67)  
}
```

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(134, 35, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 35, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 44.366, 6.528 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(134, 35, 67) }
```

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

```
.border{ border-color:rgb(134, 35, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 35, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 35, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 35, 67);  
box-shadow:4px 4px 4px 4px rgb(134, 35,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 44.366, 6.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 35, 67) }
```

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

```
.background{ background-color: rgb(134, 35,  
67) }
```

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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