

Converting Colors

CIELCh(31, 36.315, 44.523)

Have a look what the booklet for
CIELCh(31, 36.315, 44.523) contains.

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Color

CIELCh(31, 36.503, 44.838)

Conversions

Conversions Part 1

Format	Color
Hex	763722
RGB	118, 55, 34
RGB Percent	46%, 22%, 13%
CMY	0.5385, 0.7853, 0.8676
CMYK	0.00, 0.53, 0.71, 0.54
HSL	15°, 55%, 30%
HSV	15°, 71%, 46%
XYZ	9.0682, 6.6515, 2.3012
YIQ	71.4430, 44.2890, 6.8250

Conversions

Conversions Part 2

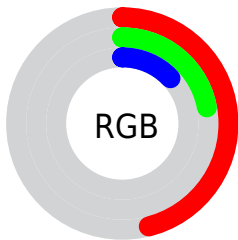
Format	Color
RYB	118, 62, 34
Decimal	7747362
CIELab	31.00, 25.88, 25.74
CIELCh	31, 36.503, 44.838
Yxy	6.6515, 0.5032, 0.3691
Android (android.graphics.Color)	4285937442 (0xFF763722)
YUV	71.4430, -18.4594, 40.8305
Hunter-Lab	25.7905, 17.6288, 12.7631

Details

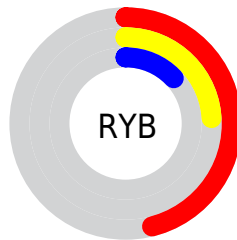
The CIELCh color **31, 36.503, 44.838** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **38, 21.705, 234.504**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 36.553, 44.628**, and **11, 31.207, 33.378** is the 20% darker color. If you saturate the color by 10%, you get **29, 42.721, 45.246**, and if you desaturate by 10%, it is **33, 30.367, 44.504**.

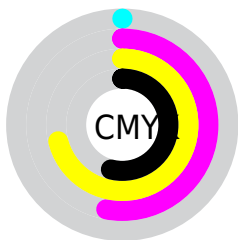
Distribution



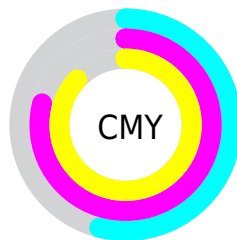
- Red (46%)
- Green (22%)
- Blue (13%)



- Red (46%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (53%)
- Yellow (71%)
- Black (54%)



- Cyan (54%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 36.503, 44.838 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, 36.503, 44.838 by changing the saturation by 10% instead.

■ 31, 36.503, 44.838

■ 31, 36.503, 44.838

■ 100, 36.503,
44.838

■ 21, 36.503, 44.838

■ 51, 36.503, 44.838

■ 11, 36.503, 44.838

■ 61, 36.503, 44.838

■ 1, 36.503, 44.838

■ 71, 36.503, 44.838

■ 0, 36.503, 44.838

■ 81, 36.503, 44.838

■ 91, 36.503, 44.838

■ 31, 36.503, 44.838

■ 31, 36.503, 44.838

■ 29, 42.721, 45.246

■ 33, 30.367, 44.504

■ 27, 48.576, 45.444

■ 36, 24.502, 44.312

■ 26, 52.905, 45.328

■ 38, 18.985, 44.277

■ 41, 13.840, 44.382

■ 44, 9.061, 44.600

■ 46, 4.629, 44.888

■ 49, 0.516, 44.670

■ 52, 3.309, 225.920

■ 55, 6.877, 226.350

Harmonies

Complementary

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



31, 36.503, 44.838



38, 21.705, 234.504

Rectangle

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



31, 36.503, 44.838



31, 36.503, 94.838



31, 36.503, 224.838



31, 36.503, 274.838

Sweetspot

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



31, 36.502, 44.841



56, 11.077, 44.594



29, 47.456, 336.752



28, 7.514, 44.541



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



31, 36.502, 44.841



37, 56.635, 45.454



42, 37.324, 87.239



23, 2.277, 44.953



27, 54.743, 45.448



56, 96.175, 44.715

Inverse Universe

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



38, 21.705, 234.504



47, 29.285, 239.794



25, 40.389, 289.905



24, 2.166, 225.962



36, 26.332, 244.435



71, 45.296, 247.210

Previews

White Background



This preview shows how the CIELCh color 31, 36.503, 44.838 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, 36.503, 44.838 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, 36.503, 44.838

Background



This preview shows how black text looks on a background with the CIELCh color 31, 36.503, 44.838.



This preview shows how white text looks on a background with the CIELCh color 31, 36.503, 44.838.

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, 36.503, 44.838

Protanopia

31, 21.432, 96.801

Deuteranopia

31, 27.550, 80.852



Tritanopia
31, 31.996, 21.662

Trichromacy



Original Color
31, 36.503, 44.838

Protanomaly
31, 23.419, 70.210

Deuteranomaly
31, 29.218, 64.480

Tritanomaly
31, 33.156, 30.897

Monochromacy



Original Color
31, 36.503, 44.838

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 12.338, 45.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 36.503, 44.838 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(118, 55, 34)` looks like.

```
.text, #text, p{  
    color:rgb(118, 55, 34)  
}
```

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(118, 55, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 55, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 36.503, 44.838 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(118, 55, 34) }
```

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

```
.border{ border-color:rgb(118, 55, 34) }
```

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

Here you see how a box with a 4 pixel rgb(118, 55, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 55, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 55, 34);  
box-shadow:4px 4px 4px 4px rgb(118, 55,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 36.503, 44.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 55, 34) }
```

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

```
.background{ background-color: rgb(118, 55,  
34) }
```

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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