

Converting Colors

CIELCh(44, 29.785, 82.450)

Have a look what the booklet for
CIELCh(44, 29.785, 82.450) contains.

CIELCh(44, 29.380, 81.950)	3
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Color

CIELCh(44, 29.380, 81.950)

Conversions

Conversions Part 1

Format	Color
Hex	7D6437
RGB	125, 100, 55
RGB Percent	49%, 39%, 22%
CMY	0.5085, 0.6066, 0.7832
CMYK	0.00, 0.20, 0.56, 0.51
HSL	39°, 39%, 35%
HSV	39°, 56%, 49%
XYZ	13.7906, 13.8382, 5.5956
YIQ	102.3450, 29.3450, -8.6950

Conversions

Conversions Part 2

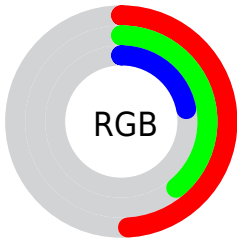
Format	Color
RYB	94, 125, 55
Decimal	8217655
CIELab	44.00, 4.11, 29.09
CIElCh	44, 29.380, 81.950
Yxy	13.8382, 0.4151, 0.4165
Android (android.graphics.Color)	4286407735 (0xFF7D6437)
YUV	102.3450, -23.3411, 19.8684
Hunter-Lab	37.1997, 1.0734, 17.1213

Details

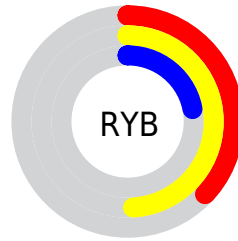
The CIELCh color **44, 29.380, 81.950** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34, 28.774, 279.428**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 29.386, 82.652**, and **24, 29.449, 81.987** is the 20% darker color. If you saturate the color by 10%, you get **43, 34.694, 80.516**, and if you desaturate by 10%, it is **45, 23.964, 83.331**.

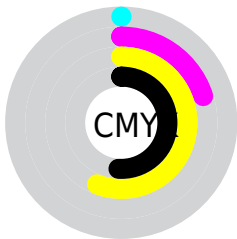
Distribution



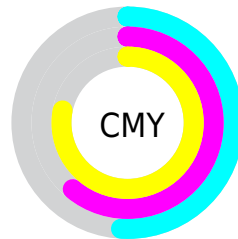
- Red (49%)
- Green (39%)
- Blue (22%)



- Red (37%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 29.380, 81.950 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 44, 29.380, 81.950 by changing the saturation by 10% instead.

■ 44, 29.380, 81.950

■ 44, 29.380, 81.950

■ 100, 29.380,
81.950

■ 34, 29.380, 81.950

■ 64, 29.380, 81.950

■ 24, 29.380, 81.950

■ 74, 29.380, 81.950

■ 14, 29.380, 81.950

■ 84, 29.380, 81.950

■ 4, 29.380, 81.950

■ 94, 29.380, 81.950

■ 0, 29.380, 81.950

■ 44, 29.380, 81.950

■ 44, 29.380, 81.950

■ 43, 34.694, 80.516

■ 45, 23.964, 83.331

■ 41, 39.687, 78.972

■ 47, 18.565, 84.666

■ 40, 43.992, 77.233

■ 48, 13.245, 85.962

■ 39, 47.290, 75.219

■ 50, 8.032, 87.217

■ 38, 48.745, 74.477

■ 52, 2.937, 88.402

■ 53, 2.042, 269.736

■ 55, 6.908, 270.810

■ 57, 11.670,
271.888

■ 58, 16.336,
272.924

Harmonies

Complementary

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



44, 29.380, 81.950



34, 28.774, 279.428

Rectangle

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



44, 29.380, 81.950



44, 29.380, 131.950



44, 29.380, 261.950



44, 29.380, 311.950

Sweetspot

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



44, 29.380, 81.954



64, 10.689, 87.029



33, 33.304, 358.578



32, 7.127, 86.834



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 29.380, 81.954



55, 43.748, 80.109



50, 39.145, 111.435



26, 2.866, 88.033



39, 49.348, 74.421



0, 0.000, 0.000

Inverse Universe

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



34, 28.774, 279.428



40, 43.248, 283.140



28, 45.240, 301.453



25, 2.860, 270.350



22, 54.430, 293.970



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 29.380, 81.950 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 × Fail

Black Background



This preview shows how the CIE LCh color 44, 29.380, 81.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

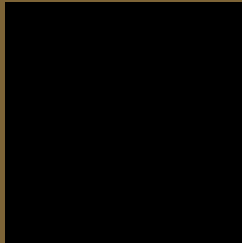
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 29.380, 81.950

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.380, 81.950.



This preview shows how white text looks on a background with the CIELCh color 44, 29.380, 81.950.

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


44, 29.380, 81.950

Protanopia

44, 28.024, 95.372

Deuteranopia

44, 29.352, 77.858



Tritanopia
44, 15.047, 5.502

Trichromacy



Original Color
44, 29.380, 81.950

Protanomaly
44, 28.668, 90.618

Deuteranomaly
44, 29.100, 78.673

Tritanomaly
44, 15.882, 47.417

Monochromacy



Original Color
44, 29.380, 81.950

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.362, 86.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.380, 81.950 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(125, 100, 55)` looks like.

```
.text, #text, p{  
    color:rgb(125, 100, 55)  
}
```

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(125, 100, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 100, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.380, 81.950 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(125, 100, 55) }
```

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

```
.border{ border-color:rgb(125, 100, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 100, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 100, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 100, 55);  
box-shadow:4px 4px 4px 4px rgb(125, 100,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.380, 81.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 100, 55) }
```

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

```
.background{ background-color: rgb(125,  
100, 55) }
```

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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