

Converting Colors

CIELCh(44, 61.998, 41.591)

Have a look what the booklet for
CIELCh(44, 61.998, 41.591) contains.

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Color

CIELCh(44, 61.953, 41.479)

Conversions

Conversions Part 1

Format	Color
Hex	B64025
RGB	182, 64, 37
RGB Percent	71%, 25%, 15%
CMY	0.2847, 0.7476, 0.8537
CMYK	0.00, 0.65, 0.80, 0.28
HSL	11°, 66%, 43%
HSV	11°, 80%, 72%
XYZ	21.5815, 13.8382, 3.3091
YIQ	96.2040, 78.9950, 16.6190

Conversions

Conversions Part 2

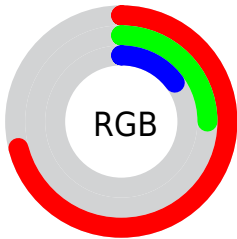
Format	Color
RYB	182, 70, 37
Decimal	11943973
CIELab	44.00, 46.42, 41.03
CIElCh	44, 61.953, 41.479
Yxy	13.8382, 0.5572, 0.3573
Android (android.graphics.Color)	4290134053 (0xFFB64025)
YUV	96.2040, -29.1876, 75.2431
Hunter-Lab	37.1997, 38.4574, 20.7656

Details

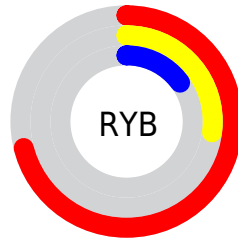
The CIELCh color **44, 61.953, 41.479** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **59, 31.952, 226.223**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 61.882, 41.467**, and **24, 58.879, 37.958** is the 20% darker color. If you saturate the color by 10%, you get **42, 70.386, 42.463**, and if you desaturate by 10%, it is **47, 52.843, 40.348**.

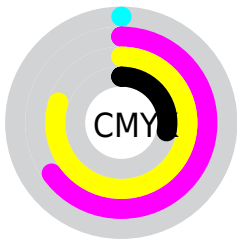
Distribution



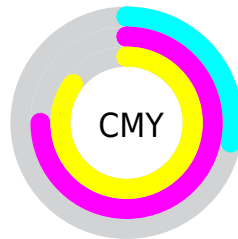
- Red (71%)
- Green (25%)
- Blue (15%)



- Red (71%)
- Yellow (27%)
- Blue (15%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (28%)



- Cyan (28%)
- Magenta (75%)
- Yellow (85%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 61.953, 41.479 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, 61.953, 41.479 by changing the saturation by 10% instead.

■ 44, 61.953, 41.479

■ 44, 61.953, 41.479

■ 100, 61.953,
41.479

■ 34, 61.953, 41.479

■ 64, 61.953, 41.479

■ 24, 61.953, 41.479

■ 74, 61.953, 41.479

■ 14, 61.953, 41.479

■ 84, 61.953, 41.479

■ 4, 61.953, 41.479

■ 94, 61.953, 41.479

■ 0, 61.953, 41.479

■ 44, 61.953, 41.479

■ 44, 61.953, 41.479

■ 42, 70.386, 42.463

■ 47, 52.843, 40.348

■ 40, 77.254, 43.059

■ 50, 43.780, 39.370

40, 77.569, 43.121

54, 35.086, 38.636

58, 26.904, 38.144

62, 19.288, 37.859

66, 12.242, 37.736

70, 5.739, 37.715

74, 0.263, 219.870

79, 5.812, 218.221

Harmonies

Complementary

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



44, 61.953, 41.479



59, 31.952, 226.223

Rectangle

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



44, 61.953, 41.479



44, 61.953, 91.479



44, 61.953, 221.479



44, 61.953, 271.479

Sweetspot

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



44, 61.951, 41.482



81, 18.980, 37.779



44, 73.514, 335.335



42, 13.341, 37.830



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 61.951, 41.482



53, 91.505, 42.696



60, 56.683, 81.434



37, 3.420, 37.715



34, 68.559, 43.305



3, 9.399, 32.370

Inverse Universe

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



59, 31.952, 226.223



73, 41.042, 231.430



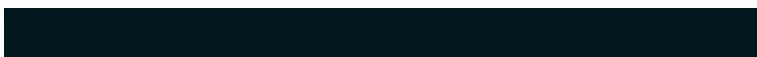
38, 60.731, 290.408



38, 3.227, 218.218



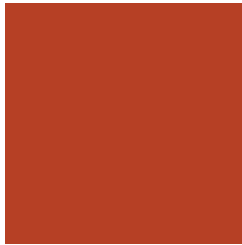
49, 30.186, 232.076



6, 8.573, 227.069

Previews

White Background



This preview shows how the CIELCh color 44, 61.953, 41.479 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, 61.953, 41.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

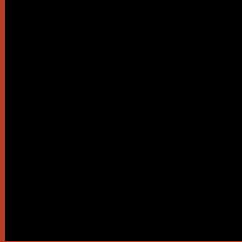
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 61.953, 41.479

Background



This preview shows how black text looks on a background with the CIELCh color 44, 61.953, 41.479.



This preview shows how white text looks on a background with the CIELCh color 44, 61.953, 41.479.

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, 61.953, 41.479

Protanopia

44, 32.799, 96.153

Deuteranopia

44, 43.815, 81.998



Tritanopia
44, 55.445, 27.005

Trichromacy



Original Color
44, 61.953, 41.479

Protanomaly
43, 37.464, 64.582

Deuteranomaly
43, 47.049, 61.952

Tritanomaly
44, 57.559, 32.750

Monochromacy



Original Color
44, 61.953, 41.479

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 21.116, 38.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 61.953, 41.479 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(182, 64, 37)` looks like.

```
.text, #text, p{  
    color:rgb(182, 64, 37)  
}
```

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(182, 64, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 64, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 61.953, 41.479 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(182, 64, 37) }
```

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

```
.border{ border-color:rgb(182, 64, 37) }
```

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

Here you see how a box with a 4 pixel rgb(182, 64, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 64, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 64, 37);  
box-shadow:4px 4px 4px 4px rgb(182, 64,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 61.953, 41.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 64, 37) }
```

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

```
.background{ background-color: rgb(182, 64,  
37) }
```

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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