

Converting Colors

CIELCh(44, 61.046, 60.583)

Have a look what the booklet for
CIELCh(44, 61.046, 60.583) contains.

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Color

CIELCh(44, 61.072, 60.319)

Conversions

Conversions Part 1

Format	Color
Hex	A45101
RGB	164, 81, 1
RGB Percent	64%, 32%, 0%
CMY	0.3559, 0.6815, 0.9950
CMYK	0.00, 0.51, 0.99, 0.36
HSL	29°, 98%, 32%
HSV	29°, 99%, 64%
XYZ	18.3273, 13.8382, 1.7413
YIQ	96.6970, 75.1480, -7.2840

Conversions

Conversions Part 2

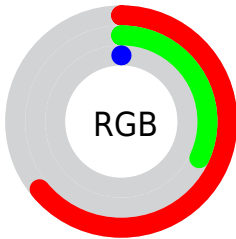
Format	Color
RYB	164, 158, 1
Decimal	10768641
CIELab	44.00, 30.24, 53.06
CIELCh	44, 61.072, 60.319
Yxy	13.8382, 0.5405, 0.4081
Android (android.graphics.Color)	4288958721 (0xFFA45101)
YUV	96.6970, -47.1786, 59.0247
Hunter-Lab	37.1997, 22.8426, 23.2644

Details

The CIELCh color **44, 61.072, 60.319** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **36, 50.149, 282.365**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 60.899, 60.412**, and **24, 46.504, 48.510** is the 20% darker color. If you saturate the color by 10%, you get **44, 61.463, 60.179**, and if you desaturate by 10%, it is **46, 56.328, 62.569**.

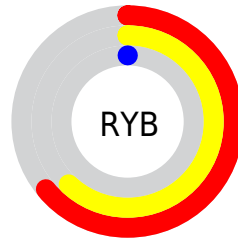
Distribution



Red (64%)

Green (32%)

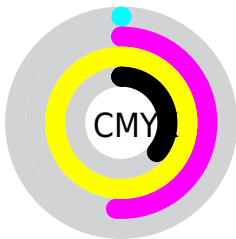
Blue (0%)



Red (64%)

Yellow (62%)

Blue (0%)

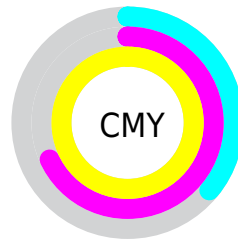


Cyan (0%)

Magenta (51%)

Yellow (99%)

Black (36%)



Cyan (36%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 61.072, 60.319 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, 61.072, 60.319 by changing the saturation by 10% instead.

■ 44, 61.072, 60.319

■ 44, 61.072, 60.319

■ 100, 61.072,
60.319

■ 34, 61.072, 60.319

■ 64, 61.072, 60.319

■ 24, 61.072, 60.319

■ 74, 61.072, 60.319

■ 14, 61.072, 60.319

■ 84, 61.072, 60.319

■ 4, 61.072, 60.319

■ 94, 61.072, 60.319

■ 0, 61.072, 60.319

■ 44, 61.072, 60.319

■ 44, 61.072, 60.319

■ 44, 61.463, 60.179

■ 46, 56.328, 62.569

■ 48, 50.428, 64.399

■ 50, 43.724, 65.864

■ 52, 36.791, 67.169

■ 55, 29.936, 68.415

■ 57, 23.303, 69.641

■ 60, 16.948, 70.858

■ 62, 10.884, 72.062

■ 65, 5.100, 73.230

Harmonies

Complementary

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



44, 61.072, 60.319



36, 50.149, 282.365

Rectangle

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



44, 61.072, 60.319



44, 61.072, 110.319



44, 61.072, 240.319



44, 61.072, 290.319

Sweetspot

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



44, 61.070, 60.321



76, 21.661, 70.696



35, 61.115, 359.757



39, 14.895, 70.211



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



44, 61.070, 60.321



57, 75.193, 59.416



65, 68.714, 101.831



33, 3.110, 73.227



39, 56.072, 60.598



3, 4.625, 69.153

Inverse Universe

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



36, 50.149, 282.365



47, 62.724, 283.605



19, 95.071, 305.978



33, 3.041, 255.617



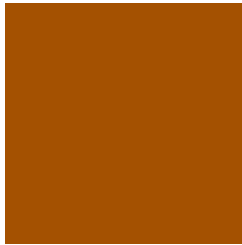
32, 45.751, 282.171



2, 4.938, 259.475

Previews

White Background



This preview shows how the CIELCh color 44, 61.072, 60.319 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 CIELCh color 44, 61.072, 60.319 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, 61.072, 60.319

Background



This preview shows how black text looks on a background with the CIELCh color 44, 61.072, 60.319.



This preview shows how white text looks on a background with the CIELCh color 44, 61.072, 60.319.

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, 61.072, 60.319

Protanopia

44, 47.567, 95.527

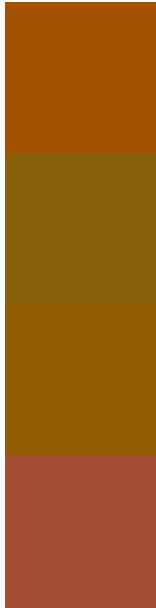
Deuteranopia

44, 51.534, 84.038



Tritanopia
44, 40.908, 21.985

Trichromacy



Original Color
44, 61.072, 60.319

Protanomaly
44, 49.647, 79.870

Deuteranomaly
44, 53.899, 74.332

Tritanomaly
44, 47.040, 43.171

Monochromacy



Original Color
44, 61.072, 60.319

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 23.003, 68.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 61.072, 60.319 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(164, 81, 1)` looks like.

```
.text, #text, p{  
    color:rgb(164, 81, 1)  
}
```

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(164, 81, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 81, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 61.072, 60.319 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(164, 81, 1) }
```

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

```
.border{ border-color:rgb(164, 81, 1) }
```

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

Here you see how a box with a 4 pixel rgb(164, 81, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 81, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 81, 1);  
box-shadow:4px 4px 4px 4px rgb(164, 81, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 61.072, 60.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 81, 1) }
```

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

```
.background{ background-color: rgb(164, 81,  
1) }
```

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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