

Converting Colors

CIELCh(44, 16.926, 65.985)

Have a look what the booklet for
CIELCh(44, 16.926, 65.985) contains.

CIELCh(44, 16.719, 65.239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 16.719, 65.239)

Conversions

Conversions Part 1

Format	Color
Hex	7C634F
RGB	124, 99, 79
RGB Percent	49%, 39%, 31%
CMY	0.5128, 0.6109, 0.6893
CMYK	0.00, 0.20, 0.36, 0.51
HSL	27°, 22%, 40%
HSV	27°, 36%, 49%
XYZ	14.2504, 13.8382, 9.3596
YIQ	104.1950, 21.3200, -0.9200

Conversions

Conversions Part 2

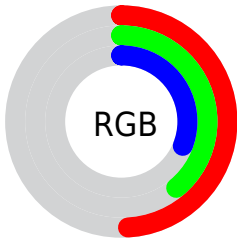
Format	Color
R_{YB}	124, 115, 79
Decimal	8151887
CIE Lab	44.00, 7.00, 15.18
CIE LCh	44, 16.719, 65.239
Yxy	13.8382, 0.3805, 0.3695
Android (android.graphics.Color)	4286341967 (0xFF7C634F)
YUV	104.1950, -12.4211, 17.3690
Hunter-Lab	37.1997, 3.2798, 11.1223

Details

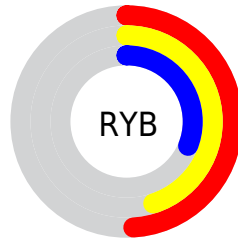
The CIELCh color **44, 16.719, 65.239** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43, 14.643, 254.601**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 16.723, 66.560**, and **24, 16.993, 66.842** is the 20% darker color. If you saturate the color by 10%, you get **42, 21.927, 64.190**, and if you desaturate by 10%, it is **46, 11.776, 66.313**.

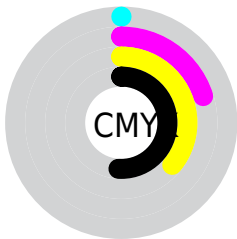
Distribution



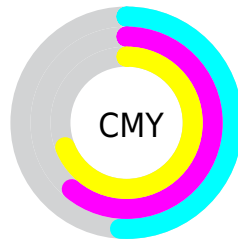
- Red (49%)
- Green (39%)
- Blue (31%)



- Red (49%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (51%)





















- Cyan (51%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 16.719, 65.239 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, 16.719, 65.239 by changing the saturation by 10% instead.

 44, 16.719, 65.239	 44, 16.719, 65.239
 100, 16.719, 65.239	 34, 16.719, 65.239
 64, 16.719, 65.239	 24, 16.719, 65.239
 74, 16.719, 65.239	 14, 16.719, 65.239
 84, 16.719, 65.239	 4, 16.719, 65.239
 94, 16.719, 65.239	 0, 16.719, 65.239
 44, 16.719, 65.239	 44, 16.719, 65.239
 42, 21.927, 64.190	 46, 11.776, 66.313
 40, 27.381, 63.145	 48, 7.092, 67.380

■ 38, 33.018, 62.089

■ 51, 2.651, 68.395

■ 36, 38.685, 60.960

■ 53, 1.568, 249.764

■ 34, 44.066, 59.613

■ 55, 5.587, 250.689

■ 33, 48.845, 57.978

■ 58, 9.429, 251.703

■ 32, 50.822, 57.599

■ 60, 13.112,
252.700

■ 62, 16.657,
253.669

■ 65, 20.079,
254.604

Harmonies

Complementary

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



44, 16.719, 65.239



43, 14.643, 254.601

Rectangle

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



44, 16.719, 65.239



44, 16.719, 115.239



44, 16.719, 245.239



44, 16.719, 295.239

Sweetspot

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



44, 16.719, 65.246



63, 5.850, 67.901



39, 23.996, 343.284



33, 3.973, 67.788



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, 16.719, 65.246



54, 25.012, 64.424



50, 24.175, 103.790



25, 2.384, 68.125



32, 51.047, 57.582



64, 87.252, 55.470

Inverse Universe

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



43, 14.643, 254.601



53, 21.201, 256.286



36, 26.053, 292.012



24, 2.319, 250.298



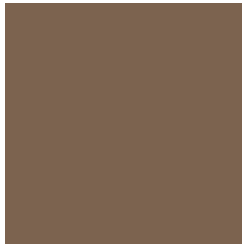
29, 36.918, 276.283



58, 65.156, 279.058

Previews

White Background



This preview shows how the CIELCh color 44, 16.719, 65.239 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, 16.719, 65.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

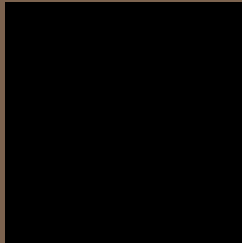
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 16.719, 65.239

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.719, 65.239.



This preview shows how white text looks on a background with the CIELCh color 44, 16.719, 65.239.

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, 16.719, 65.239

Protanopia

44, 14.035, 95.268

Deuteranopia

44, 16.512, 68.790



Tritanopia
44, 13.776, 3.764

Trichromacy



Original Color
44, 16.719, 65.239

Protanomaly
44, 14.615, 82.563

Deuteranomaly
44, 16.512, 68.790

Tritanomaly
44, 12.859, 28.923

Monochromacy



Original Color
44, 16.719, 65.239

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.692, 66.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.719, 65.239 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(124, 99, 79)` looks like.

```
.text, #text, p{  
    color:rgb(124, 99, 79)  
}
```

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(124, 99, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 99, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.719, 65.239 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(124, 99, 79) }
```

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

```
.border{ border-color:rgb(124, 99, 79) }
```

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

Here you see how a box with a 4 pixel rgb(124, 99, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 99, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 99, 79);  
box-shadow:4px 4px 4px 4px rgb(124, 99,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.719, 65.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 99, 79) }
```

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

```
.background{ background-color: rgb(124, 99,  
79) }
```

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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