

Converting Colors

CIELCh(44, 11.677, 62.116)

Have a look what the booklet for
CIELCh(44, 11.677, 62.116) contains.

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Color

CIELCh(44, 11.899, 60.554)

Conversions

Conversions Part 1	
Format	Color
Hex	786457
RGB	120, 100, 87
RGB Percent	47%, 39%, 34%
CMY	0.5288, 0.6072, 0.6582
CMYK	0.00, 0.17, 0.27, 0.53
HSL	24°, 16%, 41%
HSV	24°, 27%, 47%
XYZ	14.0656, 13.8382, 10.9781
YIQ	104.4980, 16.0930, 0.1970

Conversions

Conversions Part 2

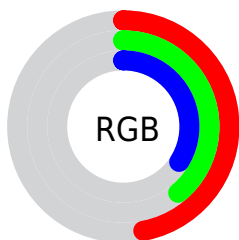
Format	Color
RYB	120, 108, 87
Decimal	7890007
CIELab	44.00, 5.85, 10.36
CIELCh	44, 11.899, 60.554
Yxy	13.8382, 0.3618, 0.3559
Android (android.graphics.Color)	4286080087 (0xFF786457)
YUV	104.4980, -8.6265, 13.5953
Hunter-Lab	37.1997, 2.3932, 8.5425

Details

The CIELCh color **44, 11.899, 60.554** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 10.561, 246.616**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 11.909, 60.517**, and **24, 11.839, 58.033** is the 20% darker color. If you saturate the color by 10%, you get **42, 16.750, 59.679**, and if you desaturate by 10%, it is **46, 7.336, 61.471**.

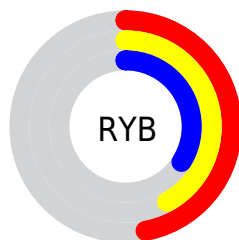
Distribution



Red (47%)

Green (39%)

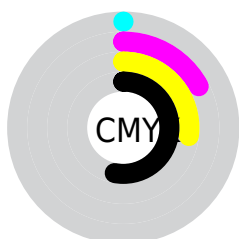
Blue (34%)



Red (47%)

Yellow (42%)

Blue (34%)

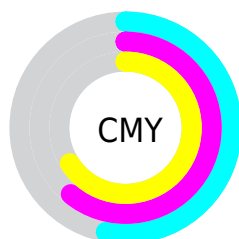


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (53%)



Cyan (53%)













Magenta (61%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 11.899, 60.554 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, 11.899, 60.554 by changing the saturation by 10% instead.

 44, 11.899, 60.554	 44, 11.899, 60.554
 100, 11.899, 60.554	 34, 11.899, 60.554
 64, 11.899, 60.554	 24, 11.899, 60.554
 74, 11.899, 60.554	 14, 11.899, 60.554
 84, 11.899, 60.554	 4, 11.899, 60.554
 94, 11.899, 60.554	 0, 11.899, 60.554

 44, 11.899, 60.554	 44, 11.899, 60.554
 42, 16.750, 59.679	 46, 7.336, 61.471
 40, 21.899, 58.833	 49, 3.043, 62.356

 37, 27.331, 58.028

 51, 1.006, 243.719


 35, 32.989, 57.242

 54, 4.834, 244.429


 33, 38.724, 56.411

 56, 8.467, 245.346


 32, 44.218, 55.376


 58, 11.928,
246.262

 30, 49.260, 54.181

 61, 15.236,
247.162

 30, 50.549, 53.972

 63, 18.409,
248.038

 66, 21.465,
248.886

Harmonies

Complementary

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



44, 11.899, 60.554



44, 10.561, 246.616

Rectangle

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



44, 11.899, 60.554



44, 11.899, 110.554



44, 11.899, 240.554



44, 11.899, 290.554

Sweetspot

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



44, 11.899, 60.563



62, 4.033, 62.297



41, 18.287, 339.934



32, 2.900, 62.187



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 11.899, 60.563



55, 18.013, 59.999



49, 17.060, 102.159



24, 2.340, 62.221



31, 52.195, 53.923



61, 89.684, 51.995

Inverse Universe

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



44, 10.561, 246.616



55, 15.490, 247.686



39, 17.859, 288.364



25, 2.261, 244.195



31, 33.449, 269.655



62, 58.661, 272.566

Previews

White Background



This preview shows how the CIELCh color 44, 11.899, 60.554 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, 11.899, 60.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

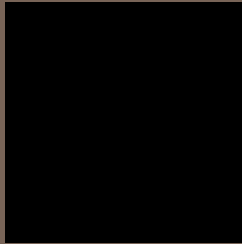
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 11.899, 60.554

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.899, 60.554.



This preview shows how white text looks on a background with the CIELCh color 44, 11.899, 60.554.

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, 11.899, 60.554

Protanopia

44, 9.197, 95.152

Deuteranopia

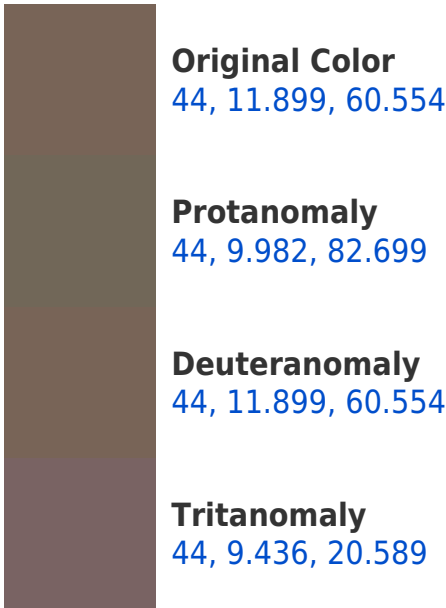
44, 11.899, 60.554



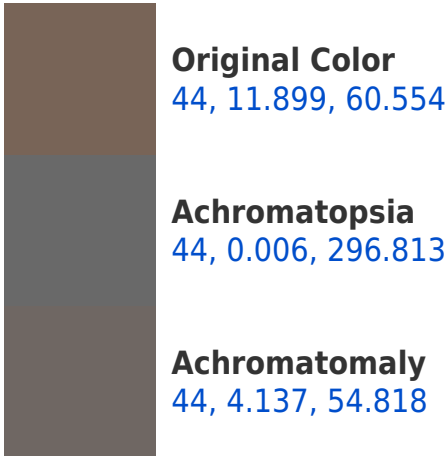
Tritanopia

44, 10.905, 358.426

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.899, 60.554 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(120, 100, 87)` looks like.

```
.text, #text, p{  
    color:rgb(120, 100, 87)  
}
```

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(120, 100, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 100, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.899, 60.554 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(120, 100, 87) }
```

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

```
.border{ border-color:rgb(120, 100, 87) }
```

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

Here you see how a box with a 4 pixel rgb(120, 100, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 100, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 100, 87);  
box-shadow:4px 4px 4px 4px rgb(120, 100,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.899, 60.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 100, 87) }
```

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

```
.background{ background-color: rgb(120,  
100, 87) }
```

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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