

Converting Colors

CIELCh(44, 10.853, 61.939)

Have a look what the booklet for
CIELCh(44, 10.853, 61.939) contains.

CIELCh(44, 11.196, 63.551)	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, 11.196, 63.551)

Conversions

Conversions Part 1

Format	Color
Hex	776558
RGB	119, 101, 88
RGB Percent	47%, 40%, 35%
CMY	0.5347, 0.6052, 0.6562
CMYK	0.00, 0.15, 0.26, 0.53
HSL	25°, 15%, 40%
HSV	25°, 26%, 47%
XYZ	13.9284, 13.8382, 11.0981
YIQ	104.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

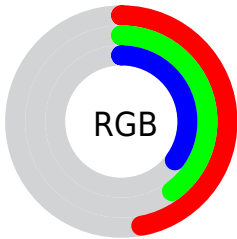
Format	Color
R_{YB}	119, 110, 88
Decimal	7824728
CIE _{Lab}	44.00, 4.99, 10.02
CIE _{LCh}	44, 11.196, 63.551
Yxy	13.8382, 0.3584, 0.3561
Android (android.graphics.Color)	4286014808 (0xFF776558)
YUV	104.9000, -8.3317, 12.3657
Hunter-Lab	37.1997, 1.7348, 8.3514

Details

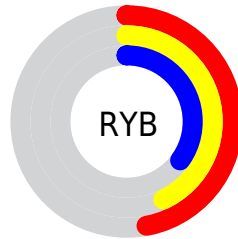
The CIELCh color **44, 11.196, 63.551** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 10.112, 249.635**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 11.274, 63.243**, and **24, 10.988, 61.282** is the 20% darker color. If you saturate the color by 10%, you get **42, 15.948, 62.578**, and if you desaturate by 10%, it is **46, 6.710, 64.552**.

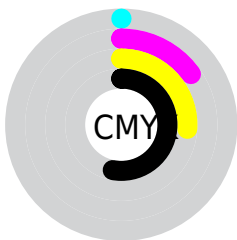
Distribution



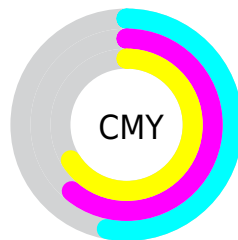
- Red (47%)
- Green (40%)
- Blue (35%)



- Red (47%)
- Yellow (43%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (53%)





















- Cyan (53%)
- Magenta (61%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 11.196, 63.551 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, 11.196, 63.551 by changing the saturation by 10% instead.

 44, 11.196, 63.551	 44, 11.196, 63.551
 100, 11.196, 63.551	 34, 11.196, 63.551
 64, 11.196, 63.551	 24, 11.196, 63.551
 74, 11.196, 63.551	 14, 11.196, 63.551
 84, 11.196, 63.551	 4, 11.196, 63.551
 94, 11.196, 63.551	 0, 11.196, 63.551
 44, 11.196, 63.551	 44, 11.196, 63.551
 42, 15.948, 62.578	 46, 6.710, 64.552
 40, 20.973, 61.620	 48, 2.472, 65.495

■ 38, 26.261, 60.686

■ 51, 1.540, 246.821

■ 36, 31.756, 59.759

■ 53, 5.350, 247.693

■ 34, 37.324, 58.781

■ 55, 8.980, 248.661

■ 32, 42.678, 57.613

■ 58, 12.451,
249.619

■ 30, 47.543, 56.210

■ 60, 15.781,
250.554

■ 30, 49.489, 55.826

■ 63, 18.987,
251.460

■ 65, 22.084,
252.334

Harmonies

Complementary

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



44, 11.196, 63.551



44, 10.112, 249.635

Rectangle

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



44, 11.196, 63.551



44, 11.196, 113.551



44, 11.196, 243.551



44, 11.196, 293.551

Sweetspot

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



44, 11.196, 63.560



61, 4.012, 65.313



41, 16.815, 341.452



31, 2.844, 65.197



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 11.196, 63.560



55, 16.645, 63.004



48, 16.581, 104.003



23, 2.276, 65.237



31, 50.758, 55.773



62, 87.734, 53.713

Inverse Universe

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



44, 10.112, 249.635



54, 14.660, 250.596



39, 17.399, 289.697



23, 2.207, 247.306



29, 34.567, 273.021



59, 61.343, 275.956

Previews

White Background



This preview shows how the CIELCh color 44, 11.196, 63.551 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, 11.196, 63.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

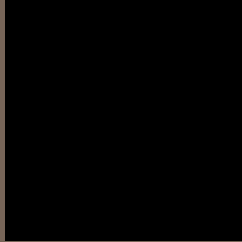
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 11.196, 63.551

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.196, 63.551.



This preview shows how white text looks on a background with the CIELCh color 44, 11.196, 63.551.

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, 11.196, 63.551

Protanopia

44, 9.197, 95.152

Deuteranopia

44, 11.488, 58.484



Tritanopia
44, 10.736, 354.503

Trichromacy



Original Color
44, 11.196, 63.551

Protanomaly
44, 9.444, 81.263

Deuteranomaly
44, 11.488, 58.484

Tritanomaly
44, 8.997, 20.530

Monochromacy



Original Color
44, 11.196, 63.551

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 3.794, 58.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.196, 63.551 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(119, 101, 88)` looks like.

```
.text, #text, p{  
    color:rgb(119, 101, 88)  
}
```

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(119, 101, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 101, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.196, 63.551 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(119, 101, 88) }
```

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

```
.border{ border-color:rgb(119, 101, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 101, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 101, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 101, 88);  
box-shadow:4px 4px 4px 4px rgb(119, 101,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.196, 63.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 101, 88) }
```

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

```
.background{ background-color: rgb(119,  
101, 88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor