

Converting Colors

CIELCh(44, 11.333, 81.827)

Have a look what the booklet for
CIELCh(44, 11.333, 81.827) contains.

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Color

CIELCh(44, 10.961, 79.715)

Conversions

Conversions Part 1

Format	Color
Hex	726656
RGB	114, 102, 86
RGB Percent	45%, 40%, 34%
CMY	0.5517, 0.5988, 0.6616
CMYK	0.00, 0.11, 0.25, 0.55
HSL	34°, 14%, 39%
HSV	34°, 25%, 45%
XYZ	13.4537, 13.8382, 10.8292
YIQ	103.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

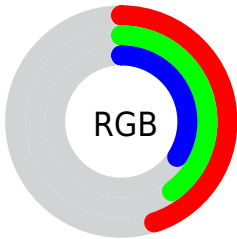
Format	Color
R_{YB}	107, 114, 86
Decimal	7497302
CIE Lab	44.00, 1.96, 10.78
CIE LCh	44, 10.961, 79.715
Yxy	13.8382, 0.3529, 0.3630
Android (android.graphics.Color)	4285687382 (0xFF726656)
YUV	103.7640, -8.7577, 8.9770
Hunter-Lab	37.1997, -0.5433, 8.7800

Details

The CIELCh color **44, 10.961, 79.715** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 10.579, 266.251**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 10.823, 79.983**, and **24, 10.862, 77.281** is the 20% darker color. If you saturate the color by 10%, you get **42, 15.692, 78.452**, and if you desaturate by 10%, it is **46, 6.380, 80.958**.

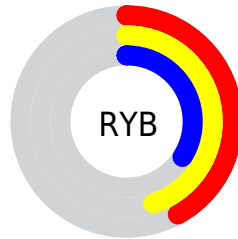
Distribution



Red (45%)

Green (40%)

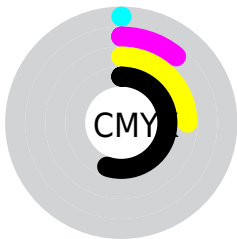
Blue (34%)



Red (42%)

Yellow (45%)

Blue (34%)

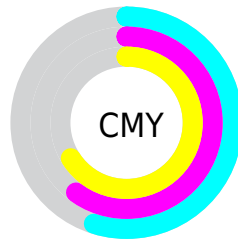


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (55%)



Cyan (55%)













Magenta (60%)







Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 10.961, 79.715 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, 10.961, 79.715 by changing the saturation by 10% instead.

 44, 10.961, 79.715	 44, 10.961, 79.715
 100, 10.961, 79.715	 34, 10.961, 79.715
 64, 10.961, 79.715	 24, 10.961, 79.715
 74, 10.961, 79.715	 14, 10.961, 79.715
 84, 10.961, 79.715	 4, 10.961, 79.715
 94, 10.961, 79.715	 0, 10.961, 79.715

 44, 10.961, 79.715	 44, 10.961, 79.715
 42, 15.692, 78.452	 46, 6.380, 80.958
 41, 20.562, 77.150	 47, 1.947, 82.099

■ 39, 25.537, 75.814

■ 49, 2.347, 263.472

■ 38, 30.540, 74.426

■ 51, 6.512, 264.553

■ 36, 35.417, 72.939

■ 53, 10.560,
265.635

■ 35, 39.883, 71.258

■ 54, 14.503,
266.678

■ 33, 43.613, 69.277

■ 33, 45.889, 68.409

■ 56, 18.350,
267.677

■ 58, 22.111,
268.631

■ 60, 25.796,
269.539

Harmonies

Complementary

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



44, 10.961, 79.715



41, 10.579, 266.251

Rectangle

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



44, 10.961, 79.715



44, 10.961, 129.715



44, 10.961, 259.715



44, 10.961, 309.715

Sweetspot

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



44, 10.961, 79.724



60, 3.754, 81.818



40, 13.929, 349.626



30, 2.425, 81.776



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 10.961, 79.724



55, 16.160, 79.063



47, 16.396, 110.790



23, 2.412, 81.613



34, 47.484, 68.218



69, 81.526, 66.082

Inverse Universe

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



41, 10.579, 266.251



51, 15.463, 267.179



38, 17.310, 295.186



22, 2.388, 263.924



23, 45.617, 288.631



48, 82.633, 291.103

Previews

White Background



This preview shows how the CIELCh color 44, 10.961, 79.715 looks on a white background.

Color Contrast Check

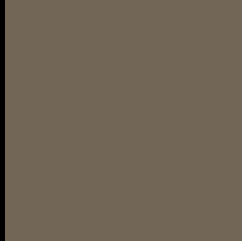
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.961, 79.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

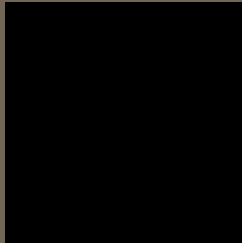
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 10.961, 79.715

Background



This preview shows how black text looks on a background with the CIELCh color 44, 10.961, 79.715.



This preview shows how white text looks on a background with the CIELCh color 44, 10.961, 79.715.

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, 10.961, 79.715

Protanopia

44, 10.462, 94.097

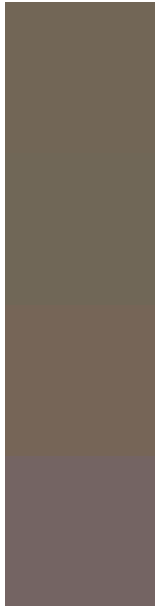
Deuteranopia

44, 11.899, 60.554



Tritanopia
44, 8.884, 348.049

Trichromacy



Original Color
44, 10.961, 79.715

Protanomaly
44, 10.343, 86.214

Deuteranomaly
44, 11.328, 67.111

Tritanomaly
44, 6.850, 25.195

Monochromacy



Original Color
44, 10.961, 79.715

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 3.648, 74.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 10.961, 79.715 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(114, 102, 86)` looks like.

```
.text, #text, p{  
    color:rgb(114, 102, 86)  
}
```

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(114, 102, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 102, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 10.961, 79.715 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(114, 102, 86) }
```

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

```
.border{ border-color:rgb(114, 102, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 102, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 102, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 102, 86);  
box-shadow:4px 4px 4px 4px rgb(114, 102,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 10.961, 79.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 102, 86) }
```

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

```
.background{ background-color: rgb(114,  
102, 86) }
```

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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