

Converting Colors

CIELCh(44, 17.659, 175.543)

Have a look what the booklet for
CIELCh(44, 17.659, 175.543)
contains.

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Color

CIELCh(44, 17.743, 175.471)

Conversions

Conversions Part 1

Format	Color
Hex	457065
RGB	69, 112, 101
RGB Percent	27%, 44%, 40%
CMY	0.7288, 0.5601, 0.6033
CMYK	0.38, 0.00, 0.10, 0.56
HSL	165°, 24%, 36%
HSV	165°, 38%, 44%
XYZ	10.6345, 13.8382, 14.4635
YIQ	97.8890, -22.0970, -12.5370

Conversions

Conversions Part 2

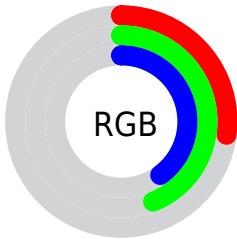
Format	Color
R_{YB}	69, 94, 112
Decimal	4550757
CIE _{Lab}	44.00, -17.69, 1.40
CIE _{LCh}	44, 17.743, 175.471
Yxy	13.8382, 0.2731, 0.3554
Android (android.graphics.Color)	4282740837 (0xFF457065)
YUV	97.8890, 1.5337, -25.3357
Hunter-Lab	37.1997, -14.0707, 2.9875

Details

The CIELCh color **44, 17.743, 175.471** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 20.160, 3.413**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 17.810, 175.716**, and **24, 18.036, 174.724** is the 20% darker color. If you saturate the color by 10%, you get **43, 21.794, 174.339**, and if you desaturate by 10%, it is **45, 13.386, 176.515**.

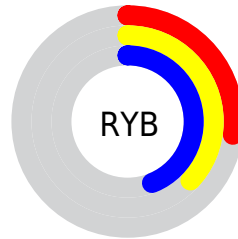
Distribution



Red (27%)

Green (44%)

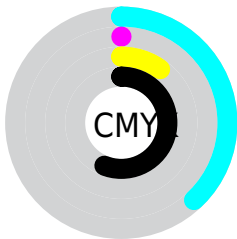
Blue (40%)



Red (27%)

Yellow (37%)

Blue (44%)

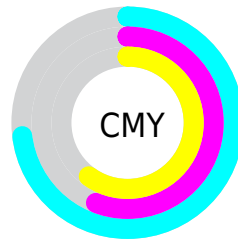


Cyan (38%)

Magenta (0%)

Yellow (10%)

Black (56%)



Cyan (73%)


Magenta (56%)

Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 17.743, 175.471 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, 17.743, 175.471 by changing the saturation by 10% instead.


 44, 17.743,
175.471


 44, 17.743,
175.471


 100, 17.743,
175.471


 34, 17.743,
175.471

 64, 17.743,
175.471


 24, 17.743,
175.471

 74, 17.743,
175.471

 14, 17.743,
175.471


 84, 17.743,
175.471

 4, 17.743, 175.471

 94, 17.743,
175.471

 0, 17.743, 175.471

 44, 17.743,

 44, 17.743,

175.471

175.471

■ 43, 21.794,
174.339

■ 45, 13.386,
176.515

■ 43, 25.466,
173.104

■ 46, 8.796, 177.495

■ 42, 28.698,
171.745

■ 46, 4.042, 178.447

■ 47, 0.813, 358.829

■ 42, 31.447,
170.239

■ 49, 5.716, 359.986

■ 42, 33.699,
168.570

■ 50, 10.625, 0.793

■ 51, 15.505, 1.551

■ 42, 35.611,
166.827

■ 52, 20.332, 2.276

■ 42, 35.930,
166.554

■ 54, 25.088, 2.973

Harmonies

Complementary

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



44, 17.743, 175.471



35, 20.160, 3.413

Rectangle

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



44, 17.743, 175.471



44, 17.743, 225.471



44, 17.743, 355.471



44, 17.743, 45.471

Sweetspot

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



44, 17.744, 175.469



59, 7.166, 178.067



44, 28.739, 134.937



30, 4.786, 177.979



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, 17.744, 175.469



56, 25.732, 174.473



41, 13.122, 226.015



23, 2.724, 178.383



44, 37.755, 166.395



87, 65.652, 165.144

Inverse Universe

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



35, 20.160, 3.413



42, 30.165, 4.896



37, 16.864, 42.613



22, 2.803, 359.825



24, 50.592, 22.605



52, 88.417, 26.106

Previews

White Background



This preview shows how the CIELCh color 44, 17.743, 175.471 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, 17.743, 175.471 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, 17.743, 175.471

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.743, 175.471.



This preview shows how white text looks on a background with the CIELCh color 44, 17.743, 175.471.

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, 17.743, 175.471

Protanopia

44, 4.505, 87.374

Deuteranopia

44, 5.942, 356.423



Tritanopia
44, 13.890, 218.375

Trichromacy



Original Color
44, 17.743, 175.471

Protanomaly
44, 7.232, 157.068

Deuteranomaly
43, 2.921, 187.290

Tritanomaly
44, 14.264, 200.232

Monochromacy



Original Color
44, 17.743, 175.471

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.581, 177.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.743, 175.471 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(69, 112, 101)` looks like.

```
.text, #text, p{  
    color:rgb(69, 112, 101)  
}
```

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(69, 112, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 112, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.743, 175.471 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(69, 112, 101) }
```

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

```
.border{ border-color:rgb(69, 112, 101) }
```

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

Here you see how a box with a 4 pixel rgb(69, 112, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 112, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 112, 101);  
box-shadow:4px 4px 4px 4px rgb(69, 112,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.743, 175.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 112, 101) }
```

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

```
.background{ background-color: rgb(69, 112,  
101) }
```

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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