

Converting Colors

CIELCh(44, 5.422, 12.354)

Have a look what the booklet for
CIELCh(44, 5.422, 12.354) contains.

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Color

CIELCh(44, 5.507, 13.846)

Conversions

Conversions Part 1

Format	Color
Hex	726566
RGB	114, 101, 102
RGB Percent	45%, 40%, 40%
CMY	0.5530, 0.6040, 0.6001
CMYK	0.00, 0.11, 0.11, 0.55
HSL	355°, 6%, 42%
HSV	355°, 11%, 45%
XYZ	13.9856, 13.8382, 14.4989
YIQ	105.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

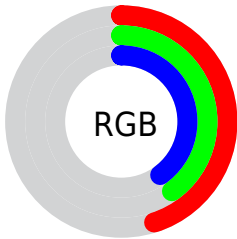
Format	Color
R_{YB}	114, 101, 102
Decimal	7497062
CIE _{Lab}	44.00, 5.35, 1.32
CIE _{LCh}	44, 5.507, 13.846
Yxy	13.8382, 0.3305, 0.3270
Android (android.graphics.Color)	4285687142 (0xFF726566)
YUV	105.0010, -1.4795, 7.8921
Hunter-Lab	37.1997, 2.0092, 2.9311

Details

The CIELCh color **44, 5.507, 13.846** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 5.192, 192.327**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 5.488, 14.047**, and **24, 5.687, 13.849** is the 20% darker color. If you saturate the color by 10%, you get **41, 10.673, 14.831**, and if you desaturate by 10%, it is **48, 0.657, 12.602**.

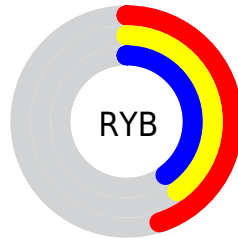
Distribution



Red (45%)

Green (40%)

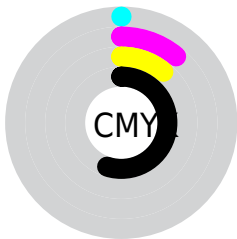
Blue (40%)



Red (45%)

Yellow (40%)

Blue (40%)

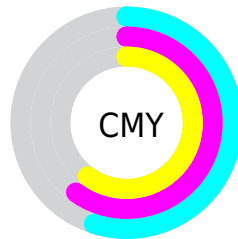


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (55%)



Cyan (55%)

Magenta (60%)









Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 5.507, 13.846 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, 5.507, 13.846 by changing the saturation by 10% instead.

 44, 5.507, 13.846	 44, 5.507, 13.846
 100, 5.507, 13.846	 34, 5.507, 13.846
 64, 5.507, 13.846	 24, 5.507, 13.846
 74, 5.507, 13.846	 14, 5.507, 13.846
 84, 5.507, 13.846	 4, 5.507, 13.846
 94, 5.507, 13.846	 0, 5.507, 13.846

 44, 5.507, 13.846	 44, 5.507, 13.846
 41, 10.673, 14.831	 48, 0.657, 12.602
 37, 16.147, 16.002	 51, 3.882, 192.592
 34, 21.885, 17.454	 55, 8.131, 191.995

■ 31, 27.802, 19.280

■ 58, 12.115,
191.509

■ 28, 33.765, 21.588

■ 62, 15.860,
191.094

■ 26, 39.602, 24.480

■ 24, 45.127, 28.004

■ 66, 19.391,
190.732

■ 23, 50.141, 32.026

■ 69, 22.734,
190.412

■ 22, 53.686, 34.190

■ 73, 25.909,
190.127

■ 76, 28.936,
189.871

Harmonies

Complementary

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



44, 5.507, 13.846



47, 5.192, 192.327

Rectangle

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



44, 5.507, 13.846



44, 5.507, 63.846



44, 5.507, 193.846



44, 5.507, 243.846

Sweetspot

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



44, 5.506, 13.858



60, 1.746, 13.020



44, 9.190, 322.699



30, 1.318, 13.117



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, 5.506, 13.858



55, 8.450, 14.131



46, 4.529, 64.688



22, 2.659, 13.638



24, 55.971, 34.695



52, 99.056, 37.651

Inverse Universe

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



44, 5.506, 13.858



55, 8.450, 14.131



45, 4.349, 247.231



22, 2.659, 13.638



24, 55.971, 34.695



52, 99.056, 37.651

Previews

White Background



This preview shows how the CIELCh color 44, 5.507, 13.846 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, 5.507, 13.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

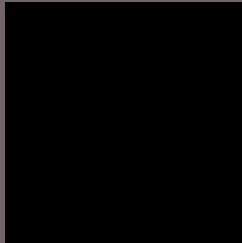
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 5.507, 13.846

Background



This preview shows how black text looks on a background with the CIELCh color 44, 5.507, 13.846.

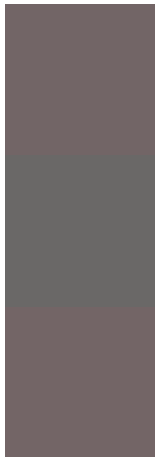


This preview shows how white text looks on a background with the CIELCh color 44, 5.507, 13.846.

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, 5.507, 13.846

Protanopia

44, 1.013, 55.185

Deuteranopia

44, 5.933, 14.358



Tritanopia
44, 7.847, 342.881

Trichromacy



Original Color
44, 5.507, 13.846

Protanomaly
44, 2.499, 19.580

Deuteranomaly
44, 5.933, 14.358

Tritanomaly
44, 7.207, 350.519

Monochromacy



Original Color
44, 5.507, 13.846

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 1.658, 19.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 5.507, 13.846 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, 101, 102)` looks like.

```
.text, #text, p{  
    color:rgb(114, 101, 102)  
}
```

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, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 101, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 5.507, 13.846 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, 101, 102) }
```

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

```
.border{ border-color:rgb(114, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(114, 101,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 5.507, 13.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 101, 102) }
```

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

```
.background{ background-color: rgb(114,  
101, 102) }
```

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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