

Converting Colors

CIELCh(44, 5.613, 140.684)

Have a look what the booklet for
CIELCh(44, 5.613, 140.684) contains.

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Color

CIELCh(44, 5.623, 140.681)

Conversions

Conversions Part 1

Format	Color
Hex	636A62
RGB	99, 106, 98
RGB Percent	39%, 42%, 38%
CMY	0.6118, 0.5844, 0.6157
CMYK	0.07, 0.00, 0.08, 0.58
HSL	113°, 4%, 40%
HSV	113°, 8%, 42%
XYZ	12.5002, 13.8382, 13.5636
YIQ	102.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

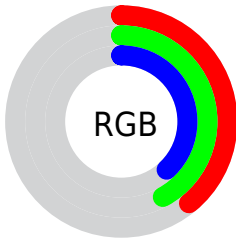
Format	Color
R_{YB}	98, 106, 105
Decimal	6515298
CIE Lab	44.00, -4.35, 3.56
CIE LCh	44, 5.623, 140.681
Yxy	13.8382, 0.3133, 0.3468
Android (android.graphics.Color)	4284705378 (0xFF636A62)
YUV	102.9950, -2.4625, -3.5036
Hunter-Lab	37.1997, -5.1184, 4.4218

Details

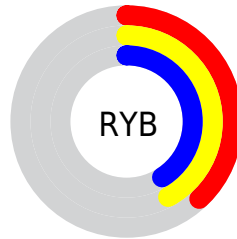
The CIELCh color **44, 5.623, 140.681** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 5.645, 321.316**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 5.229, 140.800**, and **24, 5.415, 140.005** is the 20% darker color. If you saturate the color by 10%, you get **43, 13.141, 140.144**, and if you desaturate by 10%, it is **45, 1.820, 321.033**.

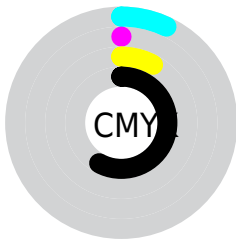
Distribution



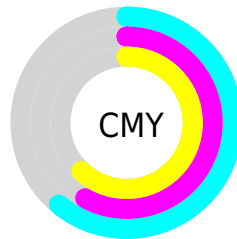
- Red (39%)
- Green (42%)
- Blue (38%)



- Red (38%)
- Yellow (42%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)





















- Cyan (61%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 5.623, 140.681 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, 5.623, 140.681 by changing the saturation by 10% instead.

 44, 5.623, 140.681	 44, 5.623, 140.681
 100, 5.623, 140.681	 34, 5.623, 140.681
 64, 5.623, 140.681	 24, 5.623, 140.681
 74, 5.623, 140.681	 14, 5.623, 140.681
 84, 5.623, 140.681	 4, 5.623, 140.681
 94, 5.623, 140.681	 0, 5.623, 140.681

 44, 5.623, 140.681	 44, 5.623, 140.681
 43, 13.141, 140.144	 45, 1.820, 321.033
 42, 20.661,	 46, 9.141, 321.488

139.542

■ 48, 16.305,
321.832

■ 41, 28.088,
138.870

■ 49, 23.291,
322.123

■ 41, 35.296,
138.137

■ 50, 30.088,
322.371

■ 40, 42.121,
137.368

■ 52, 36.689,
322.583

■ 39, 48.352,
136.615

■ 53, 43.095,
322.765

■ 39, 53.730,
135.961

■ 55, 49.311,
322.920

■ 39, 57.970,
135.515

■ 56, 55.342,
323.053

■ 39, 61.172,
135.158

Harmonies

Complementary

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



44, 5.623, 140.681



42, 5.645, 321.316

Rectangle

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



44, 5.623, 140.681



44, 5.623, 190.681



44, 5.623, 320.681



44, 5.623, 10.681

Sweetspot

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



44, 5.624, 140.682



57, 1.835, 141.009



44, 4.153, 103.356



29, 1.035, 141.026



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



44, 5.624, 140.682



56, 8.321, 140.594



44, 4.503, 156.641



22, 4.226, 140.608



43, 66.643, 135.089



85, 115.299, 135.491

Inverse Universe

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



42, 5.645, 321.316



54, 8.353, 321.396



42, 4.530, 337.578



21, 4.242, 321.383



24, 65.686, 323.602



53, 113.118, 323.339

Previews

White Background



This preview shows how the CIELCh color 44, 5.623, 140.681 looks on a white background.

Color Contrast Check

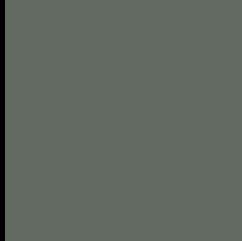
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.623, 140.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

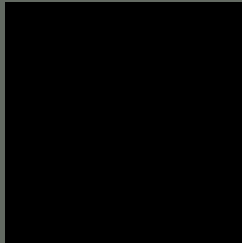
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

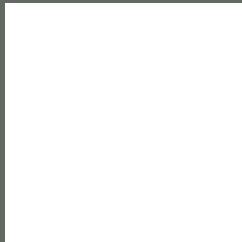
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 5.623, 140.681

Background



This preview shows how black text looks on a background with the CIELCh color 44, 5.623, 140.681.



This preview shows how white text looks on a background with the CIELCh color 44, 5.623, 140.681.

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, 5.623, 140.681

Protanopia

44, 3.955, 84.261

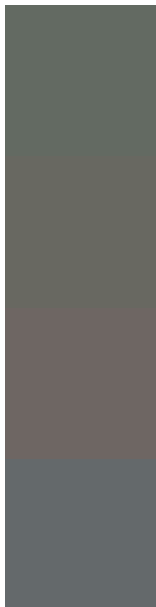
Deuteranopia

44, 6.850, 25.195



Tritanopia
44, 4.918, 276.869

Trichromacy



Original Color
44, 5.623, 140.681

Protanomaly
44, 4.178, 109.564

Deuteranomaly
44, 3.822, 47.605

Tritanomaly
44, 2.329, 230.334

Monochromacy



Original Color
44, 5.623, 140.681

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 1.981, 134.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 5.623, 140.681 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(99, 106, 98)` looks like.

```
.text, #text, p{  
    color:rgb(99, 106, 98)  
}
```

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(99, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 106, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 5.623, 140.681 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(99, 106, 98) }
```

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

```
.border{ border-color:rgb(99, 106, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 106, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(99, 106,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 5.623, 140.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 106, 98) }
```

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

```
.background{ background-color: rgb(99, 106,  
98) }
```

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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