

Converting Colors

CIELCh(44, 7.939, 155.793)

Have a look what the booklet for
CIELCh(44, 7.939, 155.793) contains.

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Color

CIELCh(44, 7.939, 155.793)

Conversions

Conversions Part 1

Format	Color
Hex	5D6B62
RGB	93, 107, 98
RGB Percent	36%, 42%, 38%
CMY	0.6337, 0.5788, 0.6141
CMYK	0.13, 0.00, 0.08, 0.58
HSL	141°, 7%, 39%
HSV	141°, 13%, 42%
XYZ	12.0787, 13.8382, 13.6893
YIQ	101.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

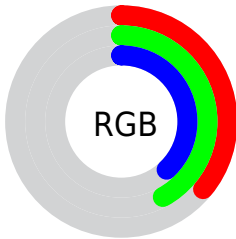
Format	Color
R _Y B	93, 103, 107
Decimal	6122338
CIE Lab	44.00, -7.24, 3.26
CIE LCh	44, 7.939, 155.793
Yxy	13.8382, 0.3050, 0.3494
Android (android.graphics.Color)	4284312418 (0xFF5D6B62)
YUV	101.7880, -1.8675, -7.7071
Hunter-Lab	37.1997, -7.1410, 4.2214

Details

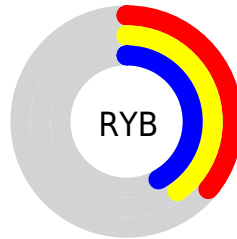
The CIELCh color $44, 7.939, 155.793$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41, 8.003, 337.557$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 7.671, 157.960$, and $24, 7.975, 156.441$ is the 20% darker color. If you saturate the color by 10%, you get $43, 14.044, 154.966$, and if you desaturate by 10%, it is $45, 1.842, 156.607$.

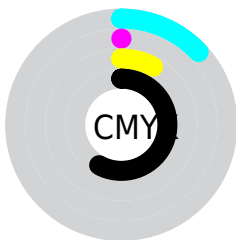
Distribution



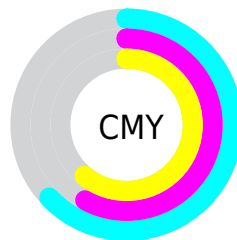
- Red (36%)
- Green (42%)
- Blue (38%)



- Red (36%)
- Yellow (40%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 7.939, 155.793 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, 7.939, 155.793 by changing the saturation by 10% instead.

■ 44, 7.939, 155.793

■ 44, 7.939, 155.793

■ 100, 7.939,
155.793

■ 34, 7.939, 155.793

■ 64, 7.939, 155.793

■ 24, 7.939, 155.793

■ 74, 7.939, 155.793

■ 14, 7.939, 155.793

■ 84, 7.939, 155.793

■ 4, 7.939, 155.793

■ 94, 7.939, 155.793

■ 0, 7.939, 155.793

■ 44, 7.939, 155.793

■ 44, 7.939, 155.793

■ 43, 14.044,
154.966

■ 45, 1.842, 156.607

■ 42, 20.083,

■ 46, 4.195, 337.073

154.041

47, 10.129,
337.683

41, 25.972,
152.991

49, 15.930,
338.215

41, 31.617,
151.797

50, 21.579,
338.695

40, 36.917,
150.441

52, 27.065,
339.134

40, 41.779,
148.910

53, 32.382,
339.538

40, 46.126,
147.205

55, 37.531,
339.912

39, 49.922,
145.358

56, 42.514,
340.259

39, 52.390,
144.189

Harmonies

Complementary

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



44, 7.939, 155.793



41, 8.003, 337.557

Rectangle

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



44, 7.939, 155.793



44, 7.939, 205.793



44, 7.939, 335.793



44, 7.939, 25.793

Sweetspot

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



44, 7.940, 155.791



58, 3.016, 156.502



45, 8.596, 123.021



30, 2.161, 156.447



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 7.940, 155.791



56, 12.133, 155.520



44, 5.774, 186.154



22, 3.407, 156.109



43, 56.063, 143.958



85, 99.382, 142.633

Inverse Universe

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



41, 8.003, 337.557



52, 12.248, 337.810



41, 6.106, 8.215



21, 3.428, 337.255



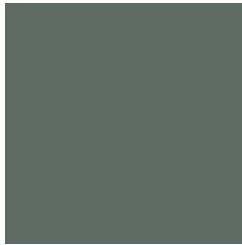
25, 50.678, 348.186



54, 86.250, 349.815

Previews

White Background



This preview shows how the CIELCh color 44, 7.939, 155.793 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, 7.939, 155.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

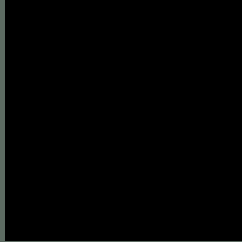
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

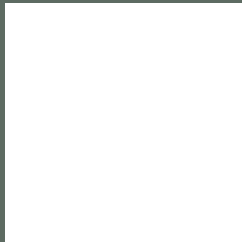
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 7.939, 155.793

Background



This preview shows how black text looks on a background with the CIELCh color 44, 7.939, 155.793.

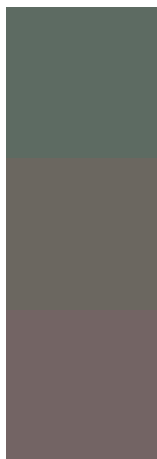


This preview shows how white text looks on a background with the CIELCh color 44, 7.939, 155.793.

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

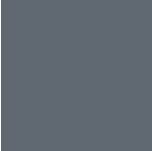
44, 7.939, 155.793

Protanopia

44, 4.505, 87.374

Deuteranopia

44, 6.366, 20.167



Tritanopia
44, 6.355, 257.501

Trichromacy



Original Color

44, 7.939, 155.793

Protanomaly

44, 4.948, 124.236

Deuteranomaly

44, 2.912, 74.486

Tritanomaly

44, 4.509, 214.434

Monochromacy



Original Color

44, 7.939, 155.793

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 2.750, 158.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 7.939, 155.793 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(93, 107, 98)` looks like.

```
.text, #text, p{  
    color:rgb(93, 107, 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(93, 107, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 107, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 7.939, 155.793 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(93, 107, 98) }
```

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

```
.border{ border-color:rgb(93, 107, 98) }
```

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

Here you see how a box with a 4 pixel rgb(93, 107, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 107, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 107, 98);  
box-shadow:4px 4px 4px 4px rgb(93, 107,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 7.939, 155.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 107, 98) }
```

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

```
.background{ background-color: rgb(93, 107,  
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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