

Converting Colors

CIELCh(43, 8.119, 258.177)

Have a look what the booklet for
CIELCh(43, 8.119, 258.177) contains.

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Color

CIELCh(43, 7.952, 255.722)

Conversions

Conversions Part 1

Format	Color
Hex	5B6772
RGB	91, 103, 114
RGB Percent	36%, 40%, 45%
CMY	0.6429, 0.5958, 0.5527
CMYK	0.20, 0.10, 0.00, 0.55
HSL	209°, 11%, 40%
HSV	209°, 20%, 45%
XYZ	12.2190, 13.1578, 17.8355
YIQ	100.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

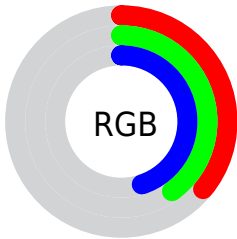
Format	Color
R _Y B	91, 99, 114
Decimal	5990258
CIE Lab	43.00, -1.96, -7.71
CIE LCh	43, 7.952, 255.722
Yxy	13.1578, 0.2828, 0.3045
Android (android.graphics.Color)	4284180338 (0xFF5B6772)
YUV	100.6660, 6.5737, -8.4771
Hunter-Lab	36.2736, -3.3502, -3.7610

Details

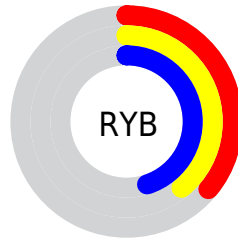
The CIELCh color $43, 7.952, 255.722$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 8.419, 70.706$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 8.112, 255.244$, and $23, 7.901, 257.036$ is the 20% darker color. If you saturate the color by 10%, you get $41, 11.798, 257.397$, and if you desaturate by 10%, it is $46, 4.036, 254.316$.

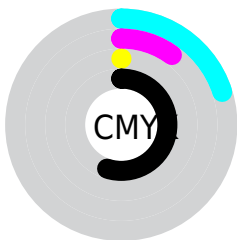
Distribution



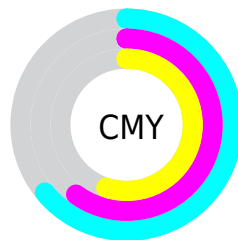
- Red (36%)
- Green (40%)
- Blue (45%)



- Red (36%)
- Yellow (39%)
- Blue (45%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.952, 255.722 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 43, 7.952, 255.722 by changing the saturation by 10% instead.

■ 43, 7.952, 255.722

■ 43, 7.952, 255.722

■ 100, 7.952,
255.722

■ 33, 7.952, 255.722

■ 63, 7.952, 255.722

■ 23, 7.952, 255.722

■ 73, 7.952, 255.722

■ 13, 7.952, 255.722

■ 83, 7.952, 255.722

■ 3, 7.952, 255.722

■ 93, 7.952, 255.722

■ 0, 7.952, 255.722

■ 43, 7.952, 255.722

■ 43, 7.952, 255.722

■ 41, 11.798,
257.397

■ 46, 4.036, 254.316

■ 38, 15.561,

■ 48, 0.070, 256.681

259.397

51, 3.931, 71.936

36, 19.229,
261.768

53, 7.953, 71.078

33, 22.799,
264.562

56, 11.982, 70.318

31, 26.285,
267.817

58, 16.009, 69.652

29, 29.719,
271.535

61, 20.023, 69.066

27, 33.153,
275.665

63, 24.019, 68.547

25, 36.646,
279.648

Harmonies

Complementary

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



43, 7.952, 255.722



44, 8.419, 70.706

Rectangle

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



43, 7.952, 255.722



43, 7.952, 305.722



43, 7.952, 75.722



43, 7.952, 125.722

Sweetspot

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



43, 7.951, 255.715



59, 2.957, 253.846



46, 11.880, 160.279



30, 1.948, 253.895



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 7.951, 255.715



54, 11.669, 256.428



40, 13.588, 291.012



22, 2.205, 254.170



26, 38.153, 279.923



55, 68.739, 282.753

Inverse Universe

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



41, 12.034, 344.117



51, 17.776, 344.529



47, 13.040, 106.916



22, 3.276, 343.142



25, 48.912, 358.310



53, 83.009, 0.761

Previews

White Background



This preview shows how the CIELCh color 43, 7.952, 255.722 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 43, 7.952, 255.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

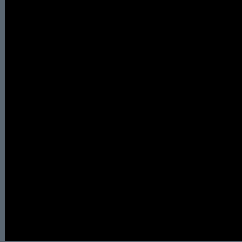
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

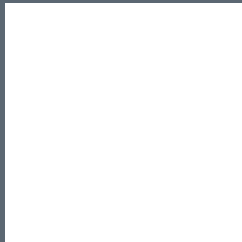
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 7.952, 255.722

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.952, 255.722.



This preview shows how white text looks on a background with the CIELCh color 43, 7.952, 255.722.

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

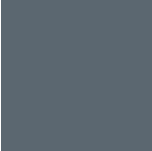
43, 7.952, 255.722

Protanopia

43, 7.227, 288.105

Deuteranopia

43, 9.968, 305.293



Tritanopia
43, 7.035, 249.629

Trichromacy



Original Color

43, 7.952, 255.722

Protanomaly

43, 6.857, 274.564

Deuteranomaly

43, 9.042, 291.490

Tritanomaly

43, 7.484, 252.857

Monochromacy



Original Color

43, 7.952, 255.722

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 3.108, 250.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.952, 255.722 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(91, 103, 114)` looks like.

```
.text, #text, p{  
    color:rgb(91, 103, 114)  
}
```

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(91, 103, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 103, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 7.952, 255.722 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(91, 103, 114) }
```

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

```
.border{ border-color:rgb(91, 103, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 103, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 103, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 103, 114);  
box-shadow:4px 4px 4px 4px rgb(91, 103,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 7.952, 255.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 103, 114) }
```

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

```
.background{ background-color: rgb(91, 103,  
114) }
```

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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