

Converting Colors

CIELCh(41, 7.471, 198.470)

Have a look what the booklet for
CIELCh(41, 7.471, 198.470) contains.

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Color

CIELCh(41, 7.521, 198.510)

Conversions

Conversions Part 1

Format	Color
Hex	516464
RGB	81, 100, 100
RGB Percent	32%, 39%, 39%
CMY	0.6811, 0.6066, 0.6066
CMYK	0.19, 0.00, 0.00, 0.61
HSL	180°, 10%, 36%
HSV	180°, 19%, 39%
XYZ	10.3231, 11.8645, 13.8831
YIQ	94.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

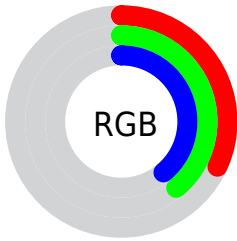
Format	Color
R_{YB}	81, 91, 100
Decimal	5334116
CIE Lab	41.00, -7.13, -2.39
CIE LCh	41, 7.521, 198.510
Yxy	11.8645, 0.2862, 0.3289
Android (android.graphics.Color)	4283524196 (0xFF516464)
YUV	94.3190, 2.8007, -11.6808
Hunter-Lab	34.4449, -6.7826, 0.2145

Details

The CIELCh color **41, 7.521, 198.510** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 8.441, 20.613**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 7.457, 198.770**, and **21, 7.253, 198.059** is the 20% darker color. If you saturate the color by 10%, you get **40, 11.134, 198.048**, and if you desaturate by 10%, it is **42, 3.645, 199.031**.

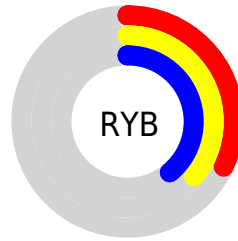
Distribution



Red (32%)

Green (39%)

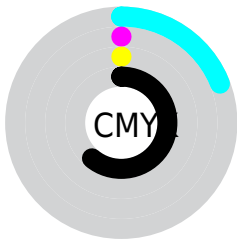
Blue (39%)



Red (32%)

Yellow (36%)

Blue (39%)

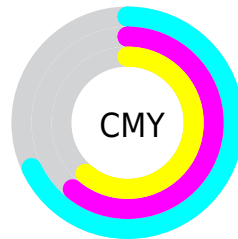


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (61%)



Cyan (68%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 7.521, 198.510 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 41, 7.521, 198.510 by changing the saturation by 10% instead.

■ 41, 7.521, 198.510 ■ 41, 7.521, 198.510

■ 100, 7.521,
198.510 ■ 31, 7.521, 198.510

■ 61, 7.521, 198.510 ■ 21, 7.521, 198.510

■ 71, 7.521, 198.510 ■ 11, 7.521, 198.510

■ 81, 7.521, 198.510 ■ 1, 7.521, 198.510

■ 91, 7.521, 198.510 ■ 0, 7.521, 198.510

■ 41, 7.521, 198.510 ■ 41, 7.521, 198.510

■ 40, 11.134,
198.048 ■ 42, 3.645, 199.031

■ 40, 14.423, ■ 43, 0.438, 18.689

197.645

44, 4.676, 19.920

39, 17.333,
197.296

45, 9.025, 20.515

39, 19.813,
197.004

46, 13.444, 21.101

39, 21.828,
196.769

47, 17.903, 21.690

38, 23.359,
196.592

48, 22.376, 22.280

38, 24.412,
196.471

49, 26.844, 22.869

38, 25.195,
196.381

38, 25.278,
196.371

Harmonies

Complementary

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



41, 7.521, 198.510



36, 8.441, 20.613

Rectangle

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



41, 7.521, 198.510



41, 7.521, 248.510



41, 7.521, 18.510



41, 7.521, 68.510

Sweetspot

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



41, 7.521, 198.503



54, 3.044, 199.211



40, 14.051, 142.917



28, 2.033, 199.182



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 7.521, 198.503



52, 11.141, 198.282



38, 6.758, 256.069



21, 2.318, 199.031



43, 27.799, 196.371



87, 48.210, 196.370

Inverse Universe

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



36, 8.441, 20.613



45, 12.901, 21.031



39, 7.111, 71.430



19, 2.443, 19.836



22, 55.893, 37.347



51, 100.587, 39.997

Previews

White Background



This preview shows how the CIELCh color 41, 7.521, 198.510 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 41, 7.521, 198.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

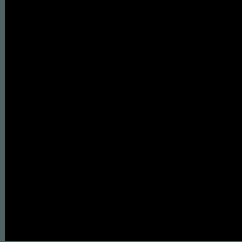
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 7.521, 198.510

Background



This preview shows how black text looks on a background with the CIELCh color 41, 7.521, 198.510.



This preview shows how white text looks on a background with the CIELCh color 41, 7.521, 198.510.

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

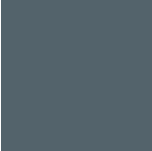
41, 7.521, 198.510

Protanopia

41, 1.484, 324.443

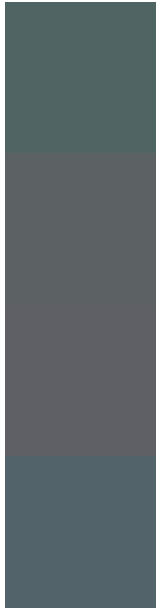
Deuteranopia

41, 6.148, 328.058



Tritanopia
41, 7.737, 237.890

Trichromacy



Original Color
41, 7.521, 198.510

Protanomaly
41, 2.516, 213.207

Deuteranomaly
41, 3.061, 282.989

Tritanomaly
41, 7.443, 228.183

Monochromacy



Original Color
41, 7.521, 198.510

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 2.870, 199.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 7.521, 198.510 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(81, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(81, 100, 100)  
}
```

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(81, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 100, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 7.521, 198.510 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(81, 100, 100) }
```

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

```
.border{ border-color:rgb(81, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(81, 100,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 7.521, 198.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 100, 100) }
```

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

```
.background{ background-color: rgb(81, 100,  
100) }
```

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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