

Converting Colors

CIELCh(52, 5.261, 77.152)

Have a look what the booklet for
CIELCh(52, 5.261, 77.152) contains.

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Color

CIELCh(52, 5.447, 77.510)

Conversions

Conversions Part 1

Format	Color
Hex	827B73
RGB	130, 123, 115
RGB Percent	51%, 48%, 45%
CMY	0.4903, 0.5177, 0.5491
CMYK	0.00, 0.05, 0.12, 0.49
HSL	32°, 6%, 48%
HSV	32°, 12%, 51%
XYZ	19.3784, 20.1443, 19.0823
YIQ	124.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

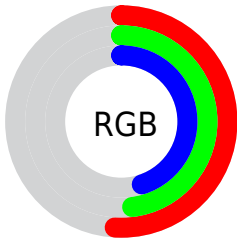
Format	Color
R_{YB}	128, 130, 115
Decimal	8551283
CIE Lab	52.00, 1.18, 5.32
CIE LCh	52, 5.447, 77.510
Yxy	20.1443, 0.3307, 0.3437
Android (android.graphics.Color)	4286741363 (0xFF827B73)
YUV	124.1810, -4.5262, 5.1033
Hunter-Lab	44.8824, -1.4754, 6.2098

Details

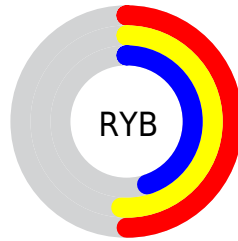
The CIELCh color $52, 5.447, 77.510$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 5.335, 260.497$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 5.303, 74.304$, and $32, 5.459, 73.463$ is the 20% darker color. If you saturate the color by 10%, you get $50, 10.375, 76.316$, and if you desaturate by 10%, it is $54, 0.708, 78.426$.

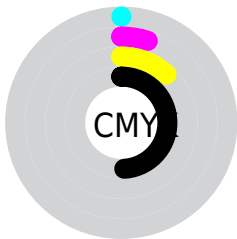
Distribution



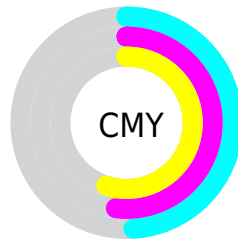
- Red (51%)
- Green (48%)
- Blue (45%)



- Red (50%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.447, 77.510 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 52, 5.447, 77.510 by changing the saturation by 10% instead.

■ 52, 5.447, 77.510 ■ 52, 5.447, 77.510

■ 100, 5.447, 77.510 ■ 42, 5.447, 77.510

■ 72, 5.447, 77.510 ■ 32, 5.447, 77.510

■ 82, 5.447, 77.510 ■ 22, 5.447, 77.510

■ 92, 5.447, 77.510 ■ 12, 5.447, 77.510

■ 2, 5.447, 77.510

■ 0, 5.447, 77.510

■ 52, 5.447, 77.510 ■ 52, 5.447, 77.510

■ 50, 10.375, 76.316 ■ 54, 0.708, 78.426

■ 48, 15.499, 75.068 ■ 56, 3.859, 260.013

46, 20.820, 73.796

58, 8.268, 261.112

44, 26.315, 72.500

60, 12.537,
262.193

42, 31.920, 71.165

62, 16.679,
263.236

41, 37.498, 69.750

39, 42.773, 68.161

65, 20.708,
264.235

37, 47.268, 66.211

67, 24.638,
265.190

36, 50.843, 64.598

69, 28.478,
266.100

71, 32.238,
266.965

Harmonies

Complementary

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



52, 5.447, 77.510



51, 5.335, 260.497

Rectangle

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



52, 5.447, 77.510



52, 5.447, 127.510



52, 5.447, 257.510



52, 5.447, 307.510

Sweetspot

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



52, 5.448, 77.527



68, 1.716, 78.421



50, 7.333, 346.410



35, 1.298, 78.367



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 5.448, 77.527



65, 8.209, 77.196



54, 8.604, 110.478



26, 2.606, 77.814



35, 50.127, 64.674



0, 0.000, 0.000

Inverse Universe

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



51, 5.335, 260.497



64, 7.989, 260.890



49, 8.827, 292.587



25, 2.566, 260.169



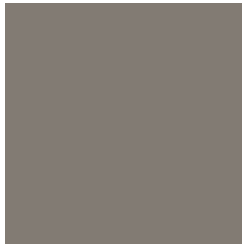
26, 44.699, 285.707



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 5.447, 77.510 looks on a white 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

Black Background



This preview shows how the CIE LCh color 52, 5.447, 77.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

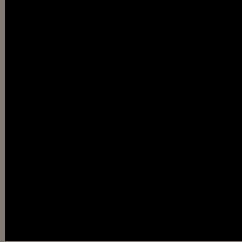
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 5.447, 77.510

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.447, 77.510.



This preview shows how white text looks on a background with the CIELCh color 52, 5.447, 77.510.

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

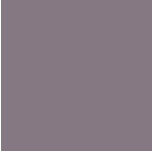
52, 5.447, 77.510

Protanopia

52, 5.448, 91.898

Deuteranopia

52, 8.252, 36.396



Tritanopia
52, 6.839, 330.359

Trichromacy



Original Color
52, 5.447, 77.510

Protanomaly
52, 5.585, 87.833

Deuteranomaly
52, 6.868, 44.782

Tritanomaly
52, 4.027, 354.220

Monochromacy



Original Color
52, 5.447, 77.510

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.903, 84.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.447, 77.510 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(130, 123, 115)` looks like.

```
.text, #text, p{  
    color:rgb(130, 123, 115)  
}
```

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(130, 123, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 123, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.447, 77.510 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(130, 123, 115) }
```

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

```
.border{ border-color:rgb(130, 123, 115) }
```

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

Here you see how a box with a 4 pixel rgb(130, 123, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 123, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 123, 115);  
box-shadow:4px 4px 4px 4px rgb(130, 123,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.447, 77.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 123, 115) }
```

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

```
.background{ background-color: rgb(130,  
123, 115) }
```

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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