

Converting Colors

CIELCh(52, 5.361, 227.887)

Have a look what the booklet for
CIELCh(52, 5.361, 227.887) contains.

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Color

CIELCh(52, 5.375, 231.840)

Conversions

Conversions Part 1

Format	Color
Hex	727E83
RGB	114, 126, 131
RGB Percent	45%, 49%, 51%
CMY	0.5529, 0.5058, 0.4862
CMYK	0.13, 0.04, 0.00, 0.49
HSL	198°, 7%, 48%
HSV	198°, 13%, 51%
XYZ	18.5031, 20.1443, 24.3923
YIQ	122.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

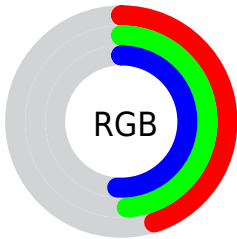
Format	Color
R_{YB}	114, 121, 131
Decimal	7503491
CIE _{Lab}	52.00, -3.32, -4.23
CIE _{LCh}	52, 5.375, 231.840
Yxy	20.1443, 0.2935, 0.3195
Android (android.graphics.Color)	4285693571 (0xFF727E83)
YUV	122.9820, 3.9529, -7.8772
Hunter-Lab	44.8824, -4.9563, -0.8047

Details

The CIELCh color **52, 5.375, 231.840** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 5.762, 49.983**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 5.391, 229.535**, and **32, 5.429, 234.739** is the 20% darker color. If you saturate the color by 10%, you get **50, 9.297, 232.751**, and if you desaturate by 10%, it is **54, 1.259, 231.299**.

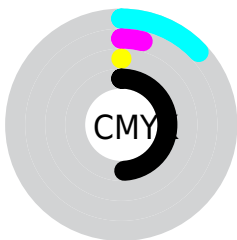
Distribution



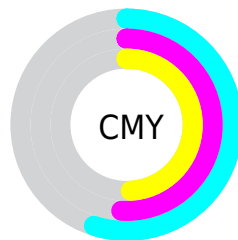
- Red (45%)
- Green (49%)
- Blue (51%)



- Red (45%)
- Yellow (47%)
- Blue (51%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.375, 231.840 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, 5.375, 231.840 by changing the saturation by 10% instead.

■ 52, 5.375, 231.840

■ 52, 5.375, 231.840

■ 100, 5.375,
231.840

■ 42, 5.375, 231.840

■ 72, 5.375, 231.840

■ 32, 5.375, 231.840

■ 82, 5.375, 231.840

■ 22, 5.375, 231.840

■ 92, 5.375, 231.840

■ 12, 5.375, 231.840

■ 2, 5.375, 231.840

■ 0, 5.375, 231.840

■ 52, 5.375, 231.840

■ 52, 5.375, 231.840

■ 50, 9.297, 232.751

■ 54, 1.259, 231.299

■ 48, 12.979,

■ 56, 3.011, 50.286

233.946

59, 7.396, 49.892

46, 16.374,
235.461

61, 11.867, 49.543

44, 19.436,
237.366

63, 16.399, 49.263

42, 22.132,
239.741

65, 20.971, 49.042

41, 24.450,
242.669

70, 30.168, 48.733

39, 26.410,
246.216

72, 34.770, 48.627

38, 28.077,
250.402

37, 29.231,
253.408

Harmonies

Complementary

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



52, 5.375, 231.840



51, 5.762, 49.983

Rectangle

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



52, 5.375, 231.840



52, 5.375, 281.840



52, 5.375, 51.840



52, 5.375, 101.840

Sweetspot

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



52, 5.375, 231.826



69, 2.097, 231.294



53, 9.822, 152.762



36, 1.500, 231.311



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 5.375, 231.826



66, 8.172, 232.111



50, 7.902, 280.947



27, 2.378, 231.544



36, 29.066, 253.368



0, 0.580, 230.828

Inverse Universe

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



50, 9.801, 334.875



63, 15.045, 335.113



53, 7.803, 97.929



26, 4.290, 334.605



28, 56.539, 343.831



0, 1.020, 334.043

Previews

White Background



This preview shows how the CIELCh color 52, 5.375, 231.840 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, 5.375, 231.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

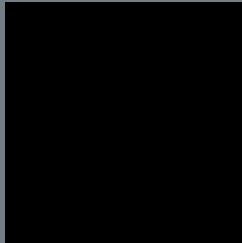
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

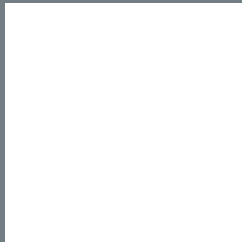
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 5.375, 231.840

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.375, 231.840.



This preview shows how white text looks on a background with the CIELCh color 52, 5.375, 231.840.

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, 5.375, 231.840

Protanopia

52, 3.519, 297.032

Deuteranopia

52, 8.467, 324.899



Tritanopia
52, 6.853, 257.399

Trichromacy



Original Color
52, 5.375, 231.840

Protanomaly
52, 3.792, 266.446

Deuteranomaly
52, 5.953, 302.223

Tritanomaly
52, 6.385, 254.361

Monochromacy



Original Color
52, 5.375, 231.840

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.943, 236.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.375, 231.840 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(114, 126, 131)` looks like.

```
.text, #text, p{  
    color:rgb(114, 126, 131)  
}
```

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(114, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 126, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.375, 231.840 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(114, 126, 131) }
```

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

```
.border{ border-color:rgb(114, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(114, 126,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.375, 231.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 126, 131) }
```

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

```
.background{ background-color: rgb(114,  
126, 131) }
```

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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