

Converting Colors

CIELCh(52, 8.375, 249.054)

Have a look what the booklet for
CIELCh(52, 8.375, 249.054) contains.

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Color

CIELCh(52, 8.366, 249.043)

Conversions

Conversions Part 1

Format	Color
Hex	6F7E89
RGB	111, 126, 137
RGB Percent	44%, 49%, 54%
CMY	0.5643, 0.5055, 0.4623
CMYK	0.19, 0.08, 0.00, 0.46
HSL	205°, 10%, 49%
HSV	205°, 19%, 54%
XYZ	18.5662, 20.1443, 26.6172
YIQ	122.7690, -12.4710, 0.2410

Conversions

Conversions Part 2

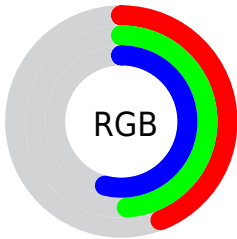
Format	Color
R_{YB}	111, 121, 137
Decimal	7306889
CIE _{Lab}	52.00, -2.99, -7.81
CIE _{LCh}	52, 8.366, 249.043
Y _{xy}	20.1443, 0.2842, 0.3084
Android (android.graphics.Color)	4285496969 (0xFF6F7E89)
YUV	122.7690, 7.0159, -10.3214
Hunter-Lab	44.8824, -4.7056, -3.7438

Details

The CIELCh color **52, 8.366, 249.043** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 8.985, 64.646**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 8.156, 246.512**, and **32, 8.252, 249.357** is the 20% darker color. If you saturate the color by 10%, you get **49, 12.601, 250.626**, and if you desaturate by 10%, it is **55, 4.002, 247.742**.

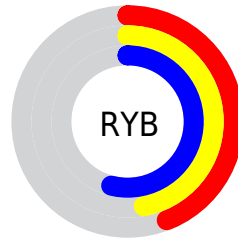
Distribution



Red (44%)

Green (49%)

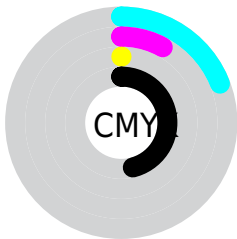
Blue (54%)



Red (44%)

Yellow (47%)

Blue (54%)

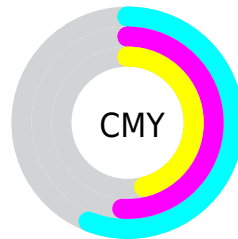


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.366, 249.043 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, 8.366, 249.043 by changing the saturation by 10% instead.

■ 52, 8.366, 249.043

■ 52, 8.366, 249.043

■ 100, 8.366,
249.043

■ 42, 8.366, 249.043

■ 72, 8.366, 249.043

■ 32, 8.366, 249.043

■ 82, 8.366, 249.043

■ 22, 8.366, 249.043

■ 92, 8.366, 249.043

■ 12, 8.366, 249.043

■ 2, 8.366, 249.043

■ 0, 8.366, 249.043

■ 52, 8.366, 249.043

■ 52, 8.366, 249.043

■ 49, 12.601,
250.626

■ 55, 4.002, 247.742

■ 57, 0.461, 65.843

47, 16.680,
252.551

60, 4.998, 65.542

44, 20.579,
254.872

63, 9.587, 64.778

42, 24.285,
257.653

66, 14.207, 64.112

39, 27.804,
260.949

71, 23.482, 63.034

37, 31.170,
264.784

74, 28.112, 62.596

35, 34.449,
269.124

77, 32.726, 62.211

33, 37.773,
273.654

33, 38.130,
274.091

Harmonies

Complementary

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



52, 8.366, 249.043



52, 8.985, 64.646

Rectangle

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



52, 8.366, 249.043



52, 8.366, 299.043



52, 8.366, 69.043



52, 8.366, 119.043

Sweetspot

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



52, 8.365, 249.035



71, 3.334, 247.443



55, 13.498, 157.936



37, 2.201, 247.496



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 8.365, 249.035



65, 12.508, 249.719



48, 14.055, 288.760



28, 2.527, 247.764



32, 37.119, 273.919



1, 1.185, 246.665

Inverse Universe

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



50, 13.645, 341.179



62, 20.580, 341.574



56, 13.578, 104.694



27, 4.040, 340.365



28, 53.511, 353.903



0, 1.858, 339.721

Previews

White Background



This preview shows how the CIELCh color 52, 8.366, 249.043 looks on a white background.

Color Contrast Check

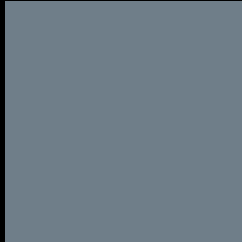
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.366, 249.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

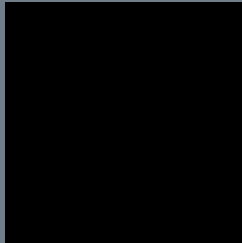
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

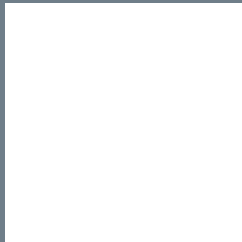
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 8.366, 249.043

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.366, 249.043.



This preview shows how white text looks on a background with the CIELCh color 52, 8.366, 249.043.

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, 8.366, 249.043

Protanopia

52, 6.976, 291.062

Deuteranopia

52, 10.399, 308.583



Tritanopia
52, 7.959, 246.085

Trichromacy



Original Color
52, 8.366, 249.043

Protanomaly
52, 7.186, 275.730

Deuteranomaly
52, 8.720, 288.784

Tritanomaly
52, 7.959, 246.085

Monochromacy



Original Color
52, 8.366, 249.043

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 3.009, 250.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 8.366, 249.043 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(111, 126, 137)` looks like.

```
.text, #text, p{  
    color:rgb(111, 126, 137)  
}
```

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(111, 126, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 126, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.366, 249.043 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(111, 126, 137) }
```

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

```
.border{ border-color:rgb(111, 126, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 126, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 126, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 126, 137);  
box-shadow:4px 4px 4px 4px rgb(111, 126,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.366, 249.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 126, 137) }
```

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

```
.background{ background-color: rgb(111,  
126, 137) }
```

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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