

Converting Colors

CIELCh(52, 4.150, 222.664)

Have a look what the booklet for
CIELCh(52, 4.150, 222.664) contains.

CIELCh(52, 4.209, 223.614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 4.209, 223.614)

Conversions

Conversions Part 1

Format	Color
Hex	747E81
RGB	116, 126, 129
RGB Percent	45%, 49%, 51%
CMY	0.5459, 0.5067, 0.4950
CMYK	0.10, 0.02, 0.00, 0.49
HSL	194°, 5%, 48%
HSV	194°, 10%, 51%
XYZ	18.5556, 20.1443, 23.6039
YIQ	123.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

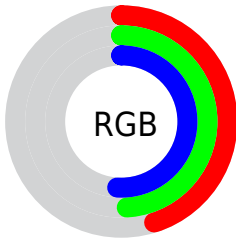
Format	Color
R_{YB}	116, 122, 129
Decimal	7634561
CIE _{Lab}	52.00, -3.05, -2.90
CIE _{LCh}	52, 4.209, 223.614
Yxy	20.1443, 0.2978, 0.3233
Android (android.graphics.Color)	4285824641 (0xFF747E81)
YUV	123.3520, 2.7845, -6.4477
Hunter-Lab	44.8824, -4.7477, 0.2368

Details

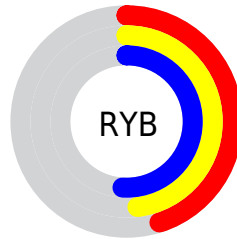
The CIELCh color $52, 4.209, 223.614$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 4.463, 42.676$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 4.307, 221.521$, and $32, 4.158, 226.243$ is the 20% darker color. If you saturate the color by 10%, you get $50, 8.167, 224.125$, and if you desaturate by 10%, it is $54, 0.042, 232.391$.

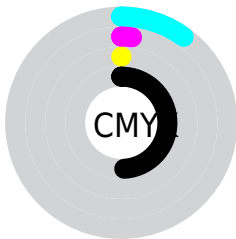
Distribution



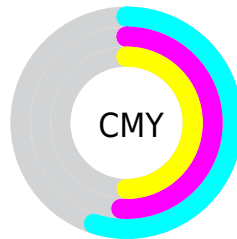
- Red (45%)
- Green (49%)
- Blue (51%)



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



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 4.209, 223.614 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, 4.209, 223.614 by changing the saturation by 10% instead.

■ 52, 4.209, 223.614

■ 52, 4.209, 223.614

■ 100, 4.209,
223.614

■ 42, 4.209, 223.614

■ 72, 4.209, 223.614

■ 32, 4.209, 223.614

■ 82, 4.209, 223.614

■ 22, 4.209, 223.614

■ 92, 4.209, 223.614

■ 12, 4.209, 223.614

■ 2, 4.209, 223.614

■ 0, 4.209, 223.614

■ 52, 4.209, 223.614

■ 52, 4.209, 223.614

■ 50, 8.167, 224.125

■ 54, 0.042, 232.391

■ 48, 11.864,

■ 56, 4.290, 42.695

224.881

58, 8.746, 42.538

47, 15.243,
225.891

60, 13.292, 42.424

45, 18.248,
227.212

62, 17.902, 42.360

44, 20.832,
228.913

64, 22.553, 42.337

42, 22.960,
231.073

66, 27.227, 42.347

41, 24.627,
233.773

68, 31.911, 42.381

40, 25.867,
237.079

39, 26.883,
240.708

Harmonies

Complementary

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



52, 4.209, 223.614



51, 4.463, 42.676

Rectangle

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



52, 4.209, 223.614



52, 4.209, 273.614



52, 4.209, 43.614



52, 4.209, 93.614

Sweetspot

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



52, 4.209, 223.595



68, 1.583, 223.491



53, 7.900, 150.506



35, 1.192, 223.464



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, 4.209, 223.595



66, 6.196, 223.691



50, 5.603, 276.177



26, 2.337, 223.557



38, 26.684, 240.661



0, 0.000, 0.000

Inverse Universe

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



50, 7.849, 332.212



64, 11.631, 332.355



53, 5.576, 93.723



25, 4.344, 332.146



28, 58.184, 339.624



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 4.209, 223.614 looks on a white background.

Color Contrast Check

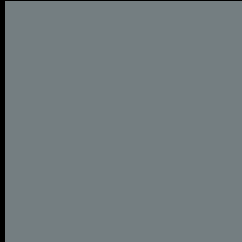
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.209, 223.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

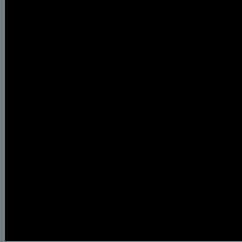
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

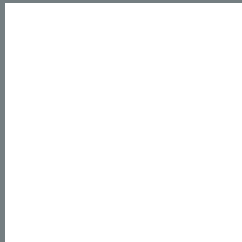
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 4.209, 223.614

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.209, 223.614.



This preview shows how white text looks on a background with the CIELCh color 52, 4.209, 223.614.

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, 4.209, 223.614

Protanopia

52, 2.470, 309.165

Deuteranopia

52, 7.803, 332.199



Tritanopia
52, 6.490, 262.990

Trichromacy



Original Color

52, 4.209, 223.614

Protanomaly

52, 2.443, 271.761

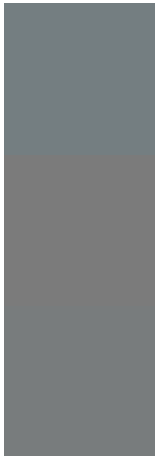
Deuteranomaly

52, 5.077, 313.533

Tritanomaly

52, 5.505, 257.004

Monochromacy



Original Color

52, 4.209, 223.614

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.675, 219.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 4.209, 223.614 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(116, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(116, 126, 129)  
}
```

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(116, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 126, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.209, 223.614 is called "border". The border property can be set on classes, ids or directly on the HTML element.

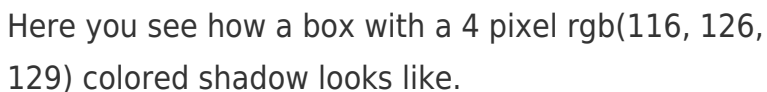
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 126, 129) }
```

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

```
.border{ border-color:rgb(116, 126, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 126, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 126, 129); box-shadow:4px 4px 4px 4px rgb(116, 126, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.209, 223.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 126, 129) }
```

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

```
.background{ background-color: rgb(116,  
126, 129) }
```

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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