

Converting Colors

CIELCh(52, 6.688, 301.259)

Have a look what the booklet for
CIELCh(52, 6.688, 301.259) contains.

CIELCh(52, 7.174, 303.524)	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, 7.174, 303.524)

Conversions

Conversions Part 1

Format	Color
Hex	7E7A86
RGB	126, 122, 134
RGB Percent	49%, 48%, 53%
CMY	0.5051, 0.5208, 0.4737
CMYK	0.06, 0.09, 0.00, 0.47
HSL	260°, 5%, 50%
HSV	260°, 9%, 53%
XYZ	19.9336, 20.1443, 25.4645
YIQ	124.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

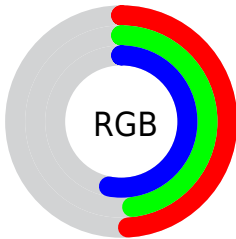
Format	Color
R_{YB}	126, 122, 134
Decimal	8288902
CIE _{Lab}	52.00, 3.96, -5.98
CIE _{LCh}	52, 7.174, 303.524
Yxy	20.1443, 0.3041, 0.3073
Android (android.graphics.Color)	4286478982 (0xFF7E7A86)
YUV	124.5640, 4.6519, 1.2594
Hunter-Lab	44.8824, 0.7327, -2.2211

Details

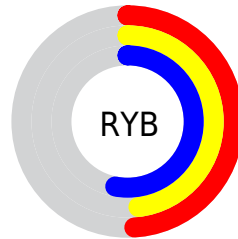
The CIELCh color $52, 7.174, 303.524$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 7.054, 122.586$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 7.349, 305.281$, and $32, 7.213, 304.814$ is the 20% darker color. If you saturate the color by 10%, you get $48, 15.443, 304.128$, and if you desaturate by 10%, it is $56, 0.826, 123.046$.

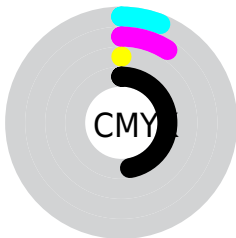
Distribution



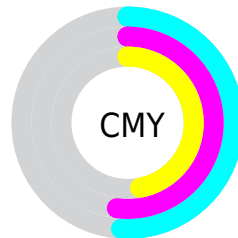
- Red (49%)
- Green (48%)
- Blue (53%)



- Red (49%)
- Yellow (48%)
- Blue (53%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 7.174, 303.524 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, 7.174, 303.524 by changing the saturation by 10% instead.

■ 52, 7.174, 303.524

■ 52, 7.174, 303.524

■ 100, 7.174,
303.524

■ 42, 7.174, 303.524

■ 72, 7.174, 303.524

■ 32, 7.174, 303.524

■ 82, 7.174, 303.524

■ 22, 7.174, 303.524

■ 92, 7.174, 303.524

■ 12, 7.174, 303.524

■ 2, 7.174, 303.524

■ 0, 7.174, 303.524

■ 52, 7.174, 303.524

■ 52, 7.174, 303.524

■ 48, 15.443,
304.128

■ 56, 0.826, 123.046

■ 61, 8.557, 122.527

43, 23.980,
304.806

65, 16.033,
122.115

39, 32.756,
305.549

70, 23.265,
121.758

34, 41.705,
306.343

74, 30.268,
121.450

30, 50.681,
307.155

78, 37.055,
121.183

26, 59.417,
307.924

83, 43.639,
120.955

22, 67.449,
308.551

87, 50.032,
120.758

19, 74.101,
308.895

91, 56.247,
120.591

17, 79.298,
309.009

Harmonies

Complementary

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



52, 7.174, 303.524



55, 7.054, 122.586

Rectangle

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



52, 7.174, 303.524



52, 7.174, 353.524



52, 7.174, 123.524



52, 7.174, 173.524

Sweetspot

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



52, 7.173, 303.520



69, 2.943, 303.185



54, 3.808, 234.424



36, 2.223, 303.228



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, 7.173, 303.520



65, 10.917, 303.654



53, 7.990, 319.673



26, 4.480, 303.530



16, 78.053, 309.073



0, 1.058, 303.042

Inverse Universe

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



53, 6.680, 336.230



66, 10.148, 336.399



55, 7.950, 138.925



26, 4.172, 336.243



28, 55.200, 346.664



0, 0.992, 335.658

Previews

White Background



This preview shows how the CIELCh color 52, 7.174, 303.524 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, 7.174, 303.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

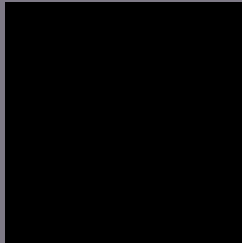
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

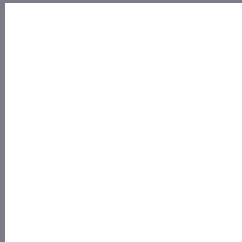
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 7.174, 303.524

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.174, 303.524.



This preview shows how white text looks on a background with the CIELCh color 52, 7.174, 303.524.

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, 7.174, 303.524

Protanopia

52, 6.976, 291.062

Deuteranopia

52, 9.768, 317.219



Tritanopia
52, 5.377, 303.402

Trichromacy



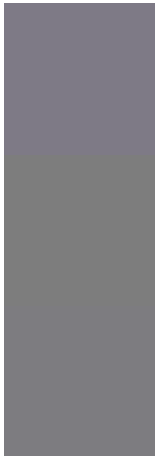
Original Color
52, 7.174, 303.524

Protanomaly
52, 6.992, 294.213

Deuteranomaly
52, 8.756, 311.937

Tritanomaly
52, 5.945, 302.220

Monochromacy



Original Color
52, 7.174, 303.524

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.365, 300.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.174, 303.524 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(126, 122, 134)` looks like.

```
.text, #text, p{  
    color:rgb(126, 122, 134)  
}
```

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(126, 122, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 122, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.174, 303.524 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(126, 122, 134) }
```

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

```
.border{ border-color:rgb(126, 122, 134) }
```

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

Here you see how a box with a 4 pixel rgb(126, 122, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 122, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 122, 134);  
box-shadow:4px 4px 4px 4px rgb(126, 122,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.174, 303.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 122, 134) }
```

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

```
.background{ background-color: rgb(126,  
122, 134) }
```

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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