

Converting Colors

CIELCh(52, 3.697, 46.444)

Have a look what the booklet for
CIELCh(52, 3.697, 46.444) contains.

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Color

CIELCh(52, 3.449, 39.219)

Conversions

Conversions Part 1

Format	Color
Hex	827A78
RGB	130, 122, 120
RGB Percent	51%, 48%, 47%
CMY	0.4888, 0.5202, 0.5280
CMYK	0.00, 0.06, 0.08, 0.49
HSL	12°, 4%, 49%
HSV	12°, 8%, 51%
XYZ	19.6750, 20.1443, 20.7324
YIQ	124.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

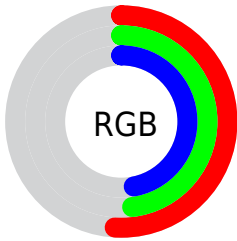
Format	Color
RYB	130, 123, 120
Decimal	8551032
CIELab	52.00, 2.67, 2.18
CIElCh	52, 3.449, 39.219
Yxy	20.1443, 0.3249, 0.3327
Android (android.graphics.Color)	4286741112 (0xFF827A78)
YUV	124.1640, -2.0529, 5.1182
Hunter-Lab	44.8824, -0.2956, 4.0300

Details

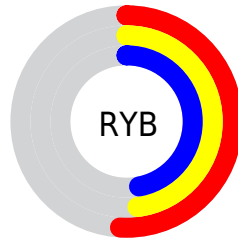
The CIELCh color $52, 3.449, 39.219$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $53, 3.296, 219.825$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 3.581, 37.179$, and $32, 3.631, 29.878$ is the 20% darker color. If you saturate the color by 10%, you get $49, 8.263, 39.197$, and if you desaturate by 10%, it is $55, 1.007, 219.955$.

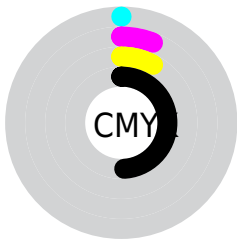
Distribution



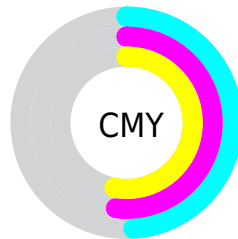
- Red (51%)
- Green (48%)
- Blue (47%)



- Red (51%)
- Yellow (48%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (49%)




- Cyan (49%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 3.449, 39.219 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, 3.449, 39.219 by changing the saturation by 10% instead.

 52, 3.449, 39.219  52, 3.449, 39.219

 100, 3.449, 39.219  42, 3.449, 39.219

 72, 3.449, 39.219  32, 3.449, 39.219


 82, 3.449, 39.219  22, 3.449, 39.219

 92, 3.449, 39.219  12, 3.449, 39.219

 2, 3.449, 39.219

 0, 3.449, 39.219

 52, 3.449, 39.219  52, 3.449, 39.219

 49, 8.263, 39.197  55, 1.007, 219.955

 46, 13.467, 39.211  59, 5.140, 219.903

43, 19.086, 39.358

62, 8.985, 220.179

40, 25.125, 39.678

65, 12.575,
220.507

37, 31.564, 40.203

69, 15.941,
220.863

34, 38.328, 40.947

32, 45.248, 41.864

72, 19.110,
221.233

30, 51.950, 42.773

75, 22.106,
221.611

28, 57.725, 43.325

79, 24.950,
221.991

82, 27.660,
222.370

Harmonies

Complementary

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



52, 3.449, 39.219



53, 3.296, 219.825

Rectangle

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



52, 3.449, 39.219



52, 3.449, 89.219



52, 3.449, 219.219



52, 3.449, 269.219

Sweetspot

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



52, 3.448, 39.246



68, 1.082, 39.024



52, 6.152, 330.949



35, 0.612, 38.993



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, 3.448, 39.246



65, 5.013, 39.242



53, 4.201, 92.765



26, 2.584, 39.242



28, 58.838, 43.492



0, 0.599, 39.500

Inverse Universe

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



53, 3.296, 219.825



67, 4.746, 219.855



52, 4.216, 274.667



27, 2.448, 219.853



40, 26.593, 234.359



0, 0.599, 219.520

Previews

White Background



This preview shows how the CIELCh color 52, 3.449, 39.219 looks on a white background.

Color Contrast Check

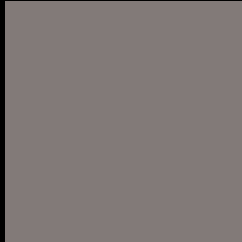
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.449, 39.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

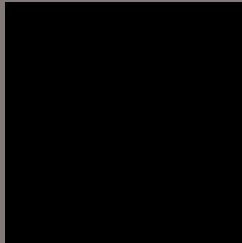
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 3.449, 39.219

Background



This preview shows how black text looks on a background with the CIELCh color 52, 3.449, 39.219.



This preview shows how white text looks on a background with the CIELCh color 52, 3.449, 39.219.

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

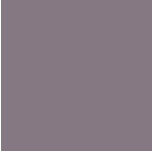
52, 3.449, 39.219

Protanopia

52, 1.978, 55.163

Deuteranopia

52, 6.984, 15.409



Tritanopia
52, 6.839, 330.359

Trichromacy



Original Color
52, 3.449, 39.219

Protanomaly
52, 2.321, 49.319

Deuteranomaly
52, 5.719, 19.976

Tritanomaly
52, 4.968, 344.199

Monochromacy



Original Color
52, 3.449, 39.219

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.329, 45.001

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 52, 3.449, 39.219 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, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(130, 122, 120)  
}
```

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, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 122, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 3.449, 39.219 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, 122, 120) }
```

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

```
.border{ border-color:rgb(130, 122, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 122, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(130, 122,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 3.449, 39.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 122, 120) }
```

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

```
.background{ background-color: rgb(130,  
122, 120) }
```

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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