

Converting Colors

CIELCh(52, 0.832, 199.444)

Have a look what the booklet for
CIELCh(52, 0.832, 199.444) contains.

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Color

CIELCh(52, 0.794, 199.809)

Conversions

Conversions Part 1

Format	Color
Hex	7A7C7C
RGB	122, 124, 124
RGB Percent	48%, 49%, 49%
CMY	0.5200, 0.5122, 0.5122
CMYK	0.02, 0.00, 0.00, 0.51
HSL	180°, 1%, 48%
HSV	180°, 2%, 49%
XYZ	19.0006, 20.1443, 22.0851
YIQ	123.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

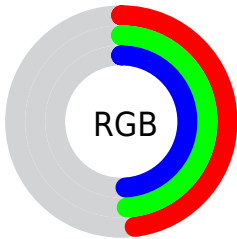
Format	Color
R_{YB}	122, 123, 124
Decimal	8027260
CIE Lab	52.00, -0.75, -0.27
CIE LCh	52, 0.794, 199.809
Yxy	20.1443, 0.3103, 0.3290
Android (android.graphics.Color)	4286217340 (0xFF7A7C7C)
YUV	123.4020, 0.2948, -1.2296
Hunter-Lab	44.8824, -2.9780, 2.2431

Details

The CIELCh color $52, 0.794, 199.809$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 0.804, 18.925$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 0.745, 200.016$, and $32, 0.865, 199.588$ is the 20% darker color. If you saturate the color by 10%, you get $51, 5.605, 198.778$, and if you desaturate by 10%, it is $53, 4.221, 19.685$.

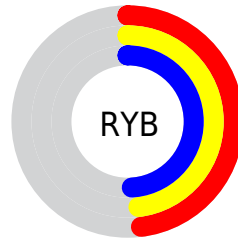
Distribution



Red (48%)

Green (49%)

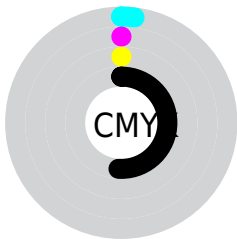
Blue (49%)



Red (48%)

Yellow (48%)

Blue (49%)

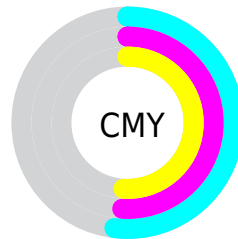


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 0.794, 199.809 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, 0.794, 199.809 by changing the saturation by 10% instead.

■ 52, 0.794, 199.809

■ 52, 0.794, 199.809

■ 100, 0.794,
199.809

■ 42, 0.794, 199.809

■ 72, 0.794, 199.809

■ 32, 0.794, 199.809

■ 82, 0.794, 199.809

■ 22, 0.794, 199.809

■ 92, 0.794, 199.809

■ 12, 0.794, 199.809

■ 2, 0.794, 199.809

■ 0, 0.794, 199.809

■ 52, 0.794, 199.809

■ 52, 0.794, 199.809

■ 51, 5.605, 198.778

■ 53, 4.221, 19.685

■ 50, 10.143,

■ 54, 9.384, 20.306

198.264

56, 14.643, 20.908

49, 14.335,
197.812

57, 19.957, 21.512

49, 18.110,
197.414

58, 25.293, 22.118

48, 21.397,
197.073

60, 30.625, 22.723

48, 24.139,
196.790

63, 41.203, 23.915

47, 26.300,
196.567

65, 46.426, 24.497

47, 27.869,
196.403

47, 28.869,
196.294

Harmonies

Complementary

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



52, 0.794, 199.809



52, 0.804, 18.925

Rectangle

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



52, 0.794, 199.809



52, 0.794, 249.809



52, 0.794, 19.809



52, 0.794, 69.809

Sweetspot

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



52, 0.795, 199.718



66, 0.008, 296.813



52, 1.406, 144.043



35, 0.005, 296.813



84, 0.010, 296.813

Same Dimension

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



52, 0.795, 199.718



66, 1.216, 199.591



52, 0.696, 254.160



26, 0.548, 199.653



47, 29.567, 196.225



90, 49.774, 196.216

Inverse Universe

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



52, 0.804, 18.925



65, 1.232, 19.053



52, 0.689, 73.021



25, 0.555, 18.990



25, 60.044, 38.131



53, 103.737, 39.969

Previews

White Background



This preview shows how the CIELCh color 52, 0.794, 199.809 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 CIELCh color 52, 0.794, 199.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

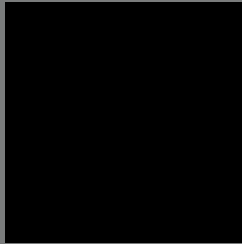
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

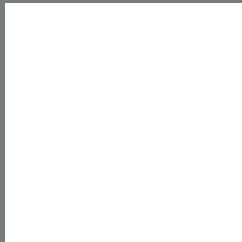
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 0.794, 199.809

Background



This preview shows how black text looks on a background with the CIELCh color 52, 0.794, 199.809.



This preview shows how white text looks on a background with the CIELCh color 52, 0.794, 199.809.

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, 0.794, 199.809

Protanopia

52, 1.342, 353.652

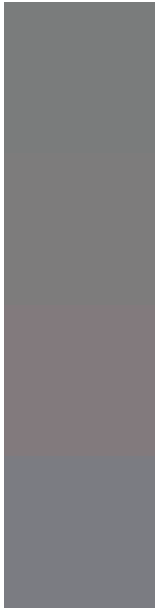
Deuteranopia

52, 6.726, 354.659



Tritanopia
52, 5.833, 294.723

Trichromacy



Original Color

52, 0.794, 199.809

Protanomaly

52, 0.400, 18.478

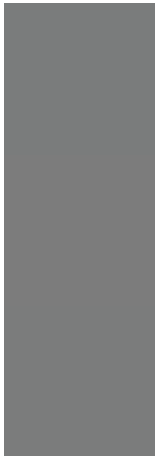
Deuteranomaly

52, 3.667, 351.424

Tritanomaly

52, 3.502, 284.229

Monochromacy



Original Color

52, 0.794, 199.809

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 0.397, 200.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 0.794, 199.809 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(122, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(122, 124, 124)  
}
```

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(122, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 124, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 0.794, 199.809 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(122, 124, 124) }
```

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

```
.border{ border-color:rgb(122, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(122, 124,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 0.794, 199.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 124, 124) }
```

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

```
.background{ background-color: rgb(122,  
124, 124) }
```

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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