

Converting Colors

CIELCh(52, 4.541, 324.087)

Have a look what the booklet for
CIELCh(52, 4.541, 324.087) contains.

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Color

CIELCh(52, 4.736, 320.699)

Conversions

Conversions Part 1

Format	Color
Hex	807A81
RGB	128, 122, 129
RGB Percent	50%, 48%, 51%
CMY	0.4975, 0.5210, 0.4935
CMYK	0.01, 0.05, 0.00, 0.49
HSL	291°, 3%, 49%
HSV	291°, 5%, 51%
XYZ	19.8738, 20.1443, 23.6608
YIQ	124.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

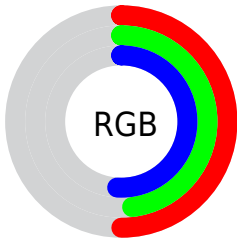
Format	Color
R_{YB}	128, 122, 129
Decimal	8419969
CIE Lab	52.00, 3.66, -3.00
CIE LCh	52, 4.736, 320.699
Yxy	20.1443, 0.3121, 0.3163
Android (android.graphics.Color)	4286610049 (0xFF807A81)
YUV	124.5920, 2.1731, 2.9888
Hunter-Lab	44.8824, 0.4950, 0.1616

Details

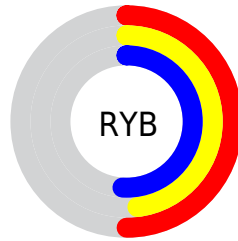
The CIELCh color $52, 4.736, 320.699$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 4.715, 140.278$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 5.107, 321.168$, and $32, 5.161, 320.837$ is the 20% darker color. If you saturate the color by 10%, you get $48, 13.567, 321.169$, and if you desaturate by 10%, it is $56, 3.949, 140.334$.

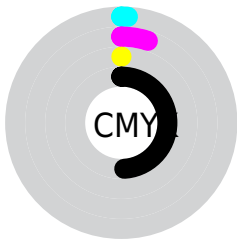
Distribution



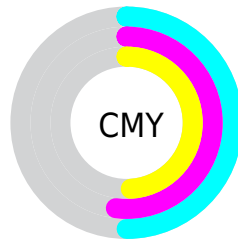
- Red (50%)
- Green (48%)
- Blue (51%)



- Red (50%)
- Yellow (48%)
- Blue (51%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 4.736, 320.699 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, 4.736, 320.699 by changing the saturation by 10% instead.

■ 52, 4.736, 320.699

■ 52, 4.736, 320.699

■ 100, 4.736,
320.699

■ 42, 4.736, 320.699

■ 72, 4.736, 320.699

■ 32, 4.736, 320.699

■ 82, 4.736, 320.699

■ 22, 4.736, 320.699

■ 92, 4.736, 320.699

■ 12, 4.736, 320.699

■ 2, 4.736, 320.699

■ 0, 4.736, 320.699

■ 52, 4.736, 320.699

■ 52, 4.736, 320.699

■ 48, 13.567,
321.169

■ 56, 3.949, 140.334

■ 60, 12.436,

45, 22.469,
321.621

139.884

41, 31.316,
322.057

63, 20.699,
139.478

38, 39.926,
322.457

67, 28.728,
139.100

35, 48.050,
322.799

71, 36.521,
138.748

32, 55.372,
323.054

75, 44.084,
138.422

30, 61.534,
323.190

79, 51.423,
138.123

28, 66.203,
323.176

83, 58.549,
137.847

27, 69.266,
323.000

86, 65.474,
137.595

Harmonies

Complementary

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



52, 4.736, 320.699



53, 4.715, 140.278

Rectangle

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



52, 4.736, 320.699



52, 4.736, 10.699



52, 4.736, 140.699



52, 4.736, 190.699

Sweetspot

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



52, 4.734, 320.698



68, 2.167, 320.492



52, 3.479, 283.855



35, 1.227, 320.478



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, 4.734, 320.698



66, 7.603, 320.784



52, 3.865, 336.683



25, 3.903, 320.789



26, 69.880, 322.919



0, 0.000, 0.000

Inverse Universe

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



52, 2.885, 8.019



66, 4.650, 8.204



53, 3.844, 156.074



25, 2.387, 8.215



26, 56.735, 31.670



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 4.736, 320.699 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, 4.736, 320.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

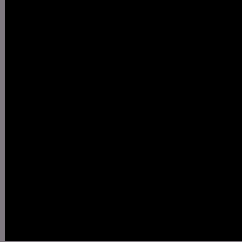
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

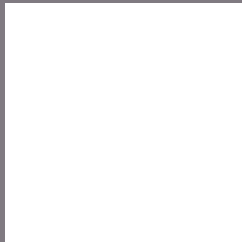
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 4.736, 320.699

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.736, 320.699.



This preview shows how white text looks on a background with the CIELCh color 52, 4.736, 320.699.

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, 4.736, 320.699

Protanopia

52, 4.096, 296.180

Deuteranopia

52, 7.803, 332.199



Tritanopia
52, 5.767, 314.920

Trichromacy



Original Color

52, 4.736, 320.699

Protanomaly

52, 4.253, 306.765

Deuteranomaly

52, 6.591, 327.664

Tritanomaly

52, 5.245, 317.518

Monochromacy



Original Color

52, 4.736, 320.699

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.927, 314.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 4.736, 320.699 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(128, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(128, 122, 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(128, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 122, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.736, 320.699 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(128, 122, 129) }
```

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

```
.border{ border-color:rgb(128, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(128, 122,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.736, 320.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 122, 129) }
```

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

```
.background{ background-color: rgb(128,  
122, 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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