

Converting Colors

CIELCh(52, 4.750, 72.579)

Have a look what the booklet for
CIELCh(52, 4.750, 72.579) contains.

CIELCh(52, 4.960, 74.105)	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, 4.960, 74.105)

Conversions

Conversions Part 1

Format	Color
Hex	827B74
RGB	130, 123, 116
RGB Percent	51%, 48%, 45%
CMY	0.4905, 0.5180, 0.5454
CMYK	0.00, 0.05, 0.11, 0.49
HSL	30°, 6%, 48%
HSV	30°, 11%, 51%
XYZ	19.4140, 20.1443, 19.3639
YIQ	124.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

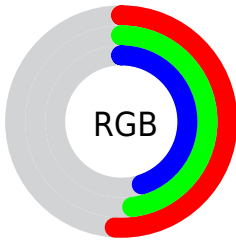
Format	Color
R _Y B	130, 130, 116
Decimal	8551284
CIE Lab	52.00, 1.36, 4.77
CIE LCh	52, 4.960, 74.105
Yxy	20.1443, 0.3295, 0.3419
Android (android.graphics.Color)	4286741364 (0xFF827B74)
YUV	124.2950, -4.0894, 5.0033
Hunter-Lab	44.8824, -1.3336, 5.8379

Details

The CIELCh color $52, 4.960, 74.105$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 4.840, 256.852$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 4.866, 70.702$, and $32, 4.951, 69.404$ is the 20% darker color. If you saturate the color by 10%, you get $50, 9.784, 72.957$, and if you desaturate by 10%, it is $54, 0.344, 74.572$.

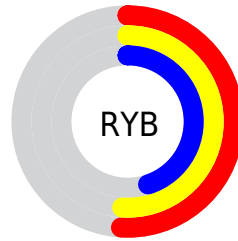
Distribution



Red (51%)

Green (48%)

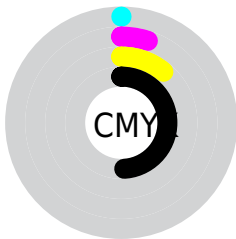
Blue (45%)



Red (51%)

Yellow (51%)

Blue (45%)

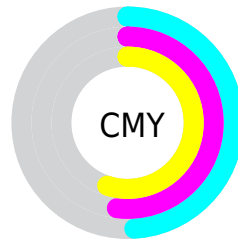


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (49%)



Cyan (49%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 4.960, 74.105 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, 4.960, 74.105 by changing the saturation by 10% instead.

 52, 4.960, 74.105  52, 4.960, 74.105

 100, 4.960, 74.105  42, 4.960, 74.105

 72, 4.960, 74.105  32, 4.960, 74.105

 82, 4.960, 74.105  22, 4.960, 74.105

 92, 4.960, 74.105  12, 4.960, 74.105

 2, 4.960, 74.105

 0, 4.960, 74.105

 52, 4.960, 74.105  52, 4.960, 74.105

 50, 9.784, 72.957  54, 0.344, 74.572

 48, 14.830, 71.758  56, 4.084, 256.562

46, 20.101, 70.545

59, 8.341, 257.640

44, 25.586, 69.319

61, 12.447,
258.705

42, 31.234, 68.068

63, 16.417,
259.734

40, 36.924, 66.754

38, 42.408, 65.283

65, 20.267,
260.724

36, 47.227, 63.465

68, 24.010,
261.672

35, 51.388, 61.811

70, 27.659,
262.577

72, 31.224,
263.441

Harmonies

Complementary

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



52, 4.960, 74.105



51, 4.840, 256.852

Rectangle

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



52, 4.960, 74.105



52, 4.960, 124.105



52, 4.960, 254.105



52, 4.960, 304.105

Sweetspot

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



52, 4.960, 74.124



68, 1.674, 74.891



50, 6.989, 344.479



35, 1.266, 74.843



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, 4.960, 74.124



66, 7.439, 73.836



54, 8.027, 109.177



26, 2.545, 74.314



34, 50.679, 61.887



0, 0.000, 0.000

Inverse Universe

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



51, 4.840, 256.852



64, 7.207, 257.195



49, 8.222, 291.259



25, 2.495, 256.632



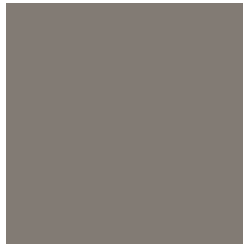
27, 41.901, 282.537



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 4.960, 74.105 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, 4.960, 74.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

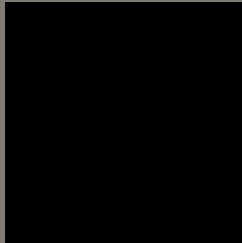
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

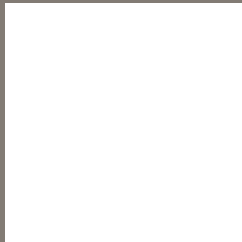
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 4.960, 74.105

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.960, 74.105.



This preview shows how white text looks on a background with the CIELCh color 52, 4.960, 74.105.

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

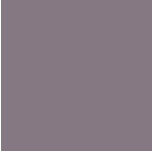
52, 4.960, 74.105

Protanopia

52, 4.897, 89.975

Deuteranopia

52, 8.083, 32.542



Tritanopia
52, 6.839, 330.359

Trichromacy



Original Color
52, 4.960, 74.105

Protanomaly
52, 5.049, 85.542

Deuteranomaly
52, 6.626, 40.347

Tritanomaly
52, 4.027, 354.220

Monochromacy



Original Color
52, 4.960, 74.105

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.903, 84.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 4.960, 74.105 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, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(130, 123, 116)  
}
```

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, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 123, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.960, 74.105 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, 123, 116) }
```

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

```
.border{ border-color:rgb(130, 123, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 123, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 123, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 123, 116);  
box-shadow:4px 4px 4px 4px rgb(130, 123,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.960, 74.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 123, 116) }
```

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

```
.background{ background-color: rgb(130,  
123, 116) }
```

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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