

Converting Colors

CIELCh(51, 9.078, 62.588)

Have a look what the booklet for
CIELCh(51, 9.078, 62.588) contains.

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Color

CIELCh(51, 9.032, 64.612)

Conversions

Conversions Part 1

Format	Color
Hex	86776C
RGB	134, 119, 108
RGB Percent	53%, 47%, 42%
CMY	0.4754, 0.5342, 0.5773
CMYK	0.00, 0.11, 0.19, 0.48
HSL	25°, 11%, 47%
HSV	25°, 19%, 52%
XYZ	19.0609, 19.2686, 16.8410
YIQ	122.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

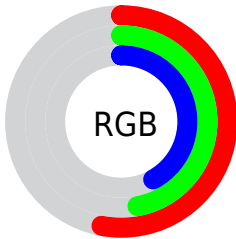
Format	Color
R_{YB}	134, 127, 108
Decimal	8812396
CIE _{Lab}	51.00, 3.87, 8.16
CIE _{LCh}	51, 9.032, 64.612
Yxy	19.2686, 0.3455, 0.3493
Android (android.graphics.Color)	4287002476 (0xFF86776C)
YUV	122.2310, -7.0159, 10.3214
Hunter-Lab	43.8960, 0.6917, 7.9802

Details

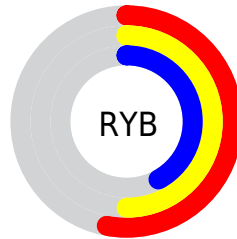
The CIELCh color $51, 9.032, 64.612$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 8.395, 249.118$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 9.060, 65.649$, and $31, 8.871, 65.255$ is the 20% darker color. If you saturate the color by 10%, you get $49, 14.087, 63.610$, and if you desaturate by 10%, it is $53, 4.259, 65.623$.

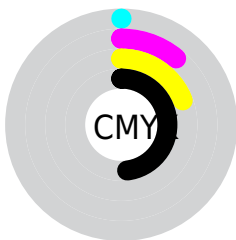
Distribution



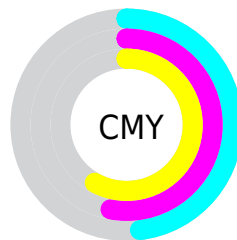
- Red (53%)
- Green (47%)
- Blue (42%)



- Red (53%)
- Yellow (50%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (48%)





- Cyan (48%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 9.032, 64.612 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 51, 9.032, 64.612 by changing the saturation by 10% instead.

 51, 9.032, 64.612  51, 9.032, 64.612

 100, 9.032, 64.612  41, 9.032, 64.612

 71, 9.032, 64.612  31, 9.032, 64.612

 81, 9.032, 64.612  21, 9.032, 64.612


 91, 9.032, 64.612  11, 9.032, 64.612

 1, 9.032, 64.612

 0, 9.032, 64.612

 51, 9.032, 64.612  51, 9.032, 64.612

 49, 14.087, 63.610  53, 4.259, 65.623

 46, 19.441, 62.610  56, 0.256, 247.979

44, 25.096, 61.635

59, 4.538, 247.839

42, 31.023, 60.678

61, 8.613, 248.822

40, 37.130, 59.709

64, 12.505,
249.802

38, 43.206, 58.638

66, 16.234,
250.761

36, 48.818, 57.267

34, 53.985, 55.836

69, 19.822,
251.691

34, 54.319, 55.798

71, 23.284,
252.588

74, 26.635,
253.451

Harmonies

Complementary

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



51, 9.032, 64.612



51, 8.395, 249.118

Rectangle

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



51, 9.032, 64.612



51, 9.032, 114.612



51, 9.032, 244.612



51, 9.032, 294.612

Sweetspot

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



51, 9.032, 64.624



69, 3.318, 65.925



48, 13.763, 340.899



36, 2.195, 65.880



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 9.032, 64.624



64, 13.374, 64.209



55, 13.632, 104.651



27, 2.527, 65.653



33, 53.158, 55.892



0, 0.592, 66.671

Inverse Universe

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



51, 8.395, 249.118



63, 12.218, 249.734



47, 14.121, 288.815



27, 2.449, 247.779



31, 36.558, 273.840



0, 0.592, 246.686

Previews

White Background



This preview shows how the CIELCh color 51, 9.032, 64.612 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 51, 9.032, 64.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

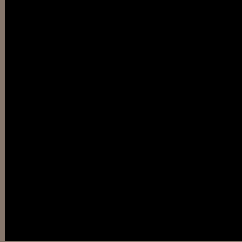
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 9.032, 64.612

Background



This preview shows how black text looks on a background with the CIELCh color 51, 9.032, 64.612.

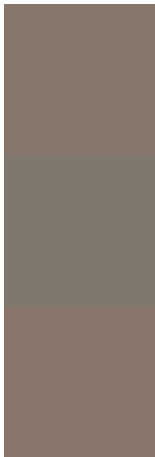


This preview shows how white text looks on a background with the CIELCh color 51, 9.032, 64.612.

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


51, 9.032, 64.612

Protanopia

51, 7.396, 89.403

Deuteranopia

51, 10.396, 50.222



Tritanopia
51, 9.636, 347.678

Trichromacy



Original Color
51, 9.032, 64.612

Protanomaly
51, 7.421, 78.715

Deuteranomaly
51, 9.633, 56.899

Tritanomaly
51, 7.483, 11.328

Monochromacy



Original Color
51, 9.032, 64.612

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 3.079, 68.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 9.032, 64.612 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(134, 119, 108)` looks like.

```
.text, #text, p{  
    color:rgb(134, 119, 108)  
}
```

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(134, 119, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 119, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 9.032, 64.612 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(134, 119, 108) }
```

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

```
.border{ border-color:rgb(134, 119, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 119, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 119, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 119, 108);  
box-shadow:4px 4px 4px 4px rgb(134, 119,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 9.032, 64.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 119, 108) }
```

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

```
.background{ background-color: rgb(134,  
119, 108) }
```

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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