

Converting Colors

CIELCh(46, 23.567, 23.976)

Have a look what the booklet for
CIELCh(46, 23.567, 23.976) contains.

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Color

CIELCh(46, 23.519, 23.947)

Conversions

Conversions Part 1

Format	Color
Hex	945F5E
RGB	148, 95, 94
RGB Percent	58%, 37%, 37%
CMY	0.4199, 0.6277, 0.6316
CMYK	0.00, 0.36, 0.36, 0.42
HSL	1°, 22%, 47%
HSV	1°, 36%, 58%
XYZ	18.3034, 15.2687, 12.5569
YIQ	110.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

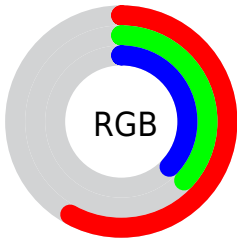
Format	Color
R_{YB}	148, 95, 94
Decimal	9723742
CIE _{Lab}	46.00, 21.49, 9.55
CIE _{LCh}	46, 23.519, 23.947
Yxy	15.2687, 0.3968, 0.3310
Android (android.graphics.Color)	4287913822 (0xFF945F5E)
YUV	110.7330, -8.2494, 32.6832
Hunter-Lab	39.0751, 15.2305, 8.2996

Details

The CIELCh color $46, 23.519, 23.947$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 18.299, 199.528$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 23.740, 24.324$, and $26, 23.319, 24.341$ is the 20% darker color. If you saturate the color by 10%, you get $42, 30.984, 25.421$, and if you desaturate by 10%, it is $50, 16.458, 22.822$.

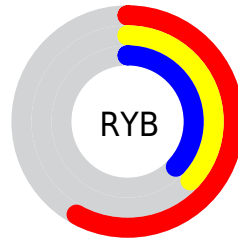
Distribution



Red (58%)

Green (37%)

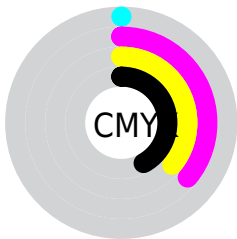
Blue (37%)



Red (58%)

Yellow (37%)

Blue (37%)

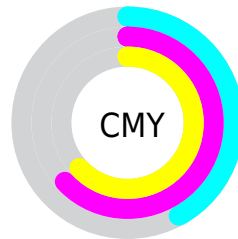


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 23.519, 23.947 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 46, 23.519, 23.947 by changing the saturation by 10% instead.

■ 46, 23.519, 23.947

■ 46, 23.519, 23.947

■ 100, 23.519,
23.947

■ 36, 23.519, 23.947

■ 66, 23.519, 23.947

■ 26, 23.519, 23.947

■ 76, 23.519, 23.947

■ 16, 23.519, 23.947

■ 86, 23.519, 23.947

■ 6, 23.519, 23.947

■ 96, 23.519, 23.947

■ 0, 23.519, 23.947

■ 46, 23.519, 23.947

■ 46, 23.519, 23.947

■ 42, 30.984, 25.421

■ 50, 16.458, 22.822

■ 39, 38.744, 27.326

■ 54, 9.861, 21.946

36, 46.611, 29.748

58, 3.736, 21.214

33, 54.317, 32.692

63, 1.936, 201.052

32, 61.423, 35.937

67, 7.189, 200.489

31, 67.047, 38.784

72, 12.064,
200.155

30, 68.781, 39.652

76, 16.603,
199.901

81, 20.847,
199.703

85, 24.830,
199.546

Harmonies

Complementary

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



46, 23.519, 23.947



57, 18.299, 199.528

Rectangle

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



46, 23.519, 23.947



46, 23.519, 73.947



46, 23.519, 203.947



46, 23.519, 253.947

Sweetspot

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



46, 23.517, 23.951



72, 7.942, 21.555



47, 36.866, 326.818



37, 5.404, 21.642



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



46, 23.517, 23.951



55, 35.965, 25.156



53, 19.985, 72.694



29, 3.282, 21.411



28, 64.868, 39.257



1, 2.776, 20.980

Inverse Universe

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



57, 18.299, 199.528



72, 26.177, 199.298



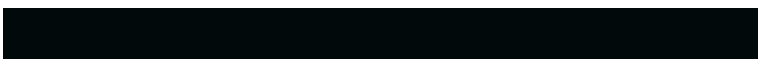
49, 18.272, 263.120



31, 3.100, 200.635



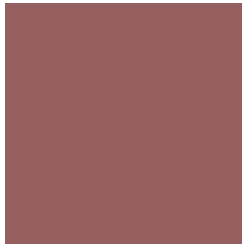
51, 30.894, 199.248



2, 2.776, 200.998

Previews

White Background



This preview shows how the CIELCh color 46, 23.519, 23.947 looks on a white background.

Color Contrast Check

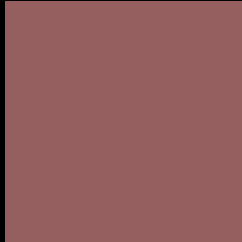
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 46, 23.519, 23.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

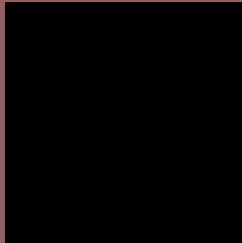
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 23.519, 23.947

Background



This preview shows how black text looks on a background with the CIELCh color 46, 23.519, 23.947.

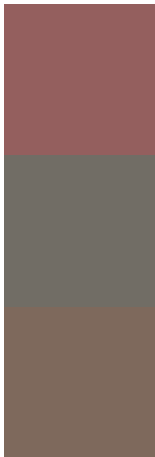


This preview shows how white text looks on a background with the CIELCh color 46, 23.519, 23.947.

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

46, 23.519, 23.947

Protanopia

46, 5.014, 89.845

Deuteranopia

46, 12.123, 59.279



Tritanopia
46, 24.041, 13.047

Trichromacy



Original Color
46, 23.519, 23.947

Protanomaly
46, 10.205, 40.682

Deuteranomaly
46, 15.462, 38.725

Tritanomaly
46, 24.087, 17.215

Monochromacy



Original Color
46, 23.519, 23.947

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 8.028, 20.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 23.519, 23.947 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(148, 95, 94)` looks like.

```
.text, #text, p{  
    color:rgb(148, 95, 94)  
}
```

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(148, 95, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 95, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 23.519, 23.947 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(148, 95, 94) }
```

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

```
.border{ border-color:rgb(148, 95, 94) }
```

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

Here you see how a box with a 4 pixel rgb(148, 95, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 95, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 95, 94);  
box-shadow:4px 4px 4px 4px rgb(148, 95,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 23.519, 23.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 95, 94) }
```

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

```
.background{ background-color: rgb(148, 95,  
94) }
```

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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