

Converting Colors

CIELCh(46, 24.769, 21.463)

Have a look what the booklet for
CIELCh(46, 24.769, 21.463) contains.

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Color

CIELCh(46, 24.720, 21.430)

Conversions

Conversions Part 1

Format	Color
Hex	965E5F
RGB	150, 94, 95
RGB Percent	59%, 37%, 37%
CMY	0.4124, 0.6320, 0.6281
CMYK	0.00, 0.37, 0.37, 0.41
HSL	359°, 23%, 48%
HSV	359°, 37%, 59%
XYZ	18.5933, 15.2687, 12.7570
YIQ	110.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

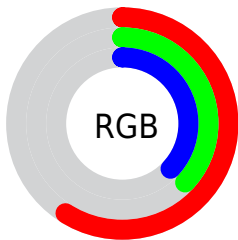
Format	Color
R_{YB}	150, 94, 95
Decimal	9854559
CIE _{Lab}	46.00, 23.01, 9.03
CIE _{LCh}	46, 24.720, 21.430
Yxy	15.2687, 0.3988, 0.3275
Android (android.graphics.Color)	4288044639 (0xFF965E5F)
YUV	110.8580, -7.8180, 34.3275
Hunter-Lab	39.0751, 16.5548, 7.9960

Details

The CIELCh color **46, 24.720, 21.430** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 19.321, 195.942**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 24.865, 21.855**, and **26, 24.576, 21.837** is the 20% darker color. If you saturate the color by 10%, you get **42, 32.302, 23.089**, and if you desaturate by 10%, it is **50, 17.493, 20.148**.

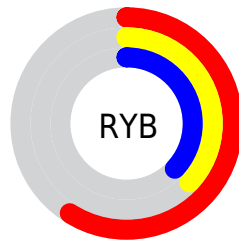
Distribution



Red (59%)

Green (37%)

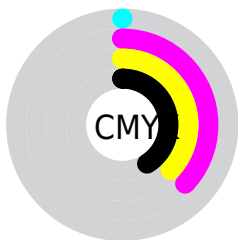
Blue (37%)



Red (59%)

Yellow (37%)

Blue (37%)

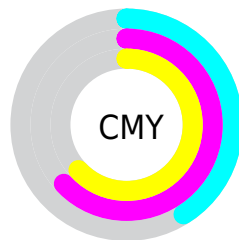


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (41%)



Cyan (41%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 24.720, 21.430 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, 24.720, 21.430 by changing the saturation by 10% instead.

■ 46, 24.720, 21.430

■ 46, 24.720, 21.430

■ 100, 24.720,
21.430

■ 36, 24.720, 21.430

■ 66, 24.720, 21.430

■ 26, 24.720, 21.430

■ 76, 24.720, 21.430

■ 16, 24.720, 21.430

■ 86, 24.720, 21.430

■ 6, 24.720, 21.430

■ 96, 24.720, 21.430

■ 0, 24.720, 21.430

■ 46, 24.720, 21.430

■ 46, 24.720, 21.430

■ 42, 32.302, 23.089

■ 50, 17.493, 20.148

■ 39, 40.101, 25.219

■ 54, 10.703, 19.137

36, 47.906, 27.920

59, 4.372, 18.294

33, 55.442, 31.209

63, 1.507, 198.068

32, 62.313, 34.868

68, 6.964, 197.337

31, 67.798, 38.063

72, 12.037,
196.902

31, 69.099, 38.714

77, 16.767,
196.555

81, 21.193,
196.269

86, 25.352,
196.030

Harmonies

Complementary

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



46, 24.720, 21.430



58, 19.321, 195.942

Rectangle

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



46, 24.720, 21.430



46, 24.720, 71.430



46, 24.720, 201.430



46, 24.720, 251.430

Sweetspot

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



46, 24.718, 21.434



72, 8.174, 18.610



48, 38.220, 325.425



37, 5.501, 18.710



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, 24.718, 21.434



55, 37.697, 22.818



53, 20.315, 67.412



29, 3.342, 18.445



28, 64.540, 38.223



1, 2.830, 17.918

Inverse Universe

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



46, 24.718, 21.434



55, 37.697, 22.818



51, 17.926, 257.655



29, 3.342, 18.445



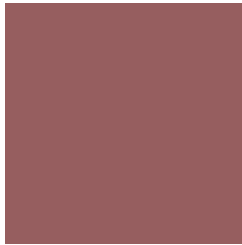
28, 64.540, 38.223



1, 2.830, 17.918

Previews

White Background



This preview shows how the CIELCh color 46, 24.720, 21.430 looks on a white background.

Color Contrast Check

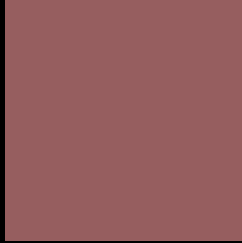
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.720, 21.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

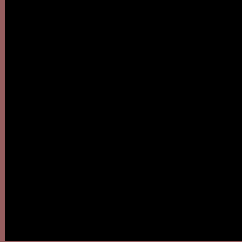
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 24.720, 21.430

Background



This preview shows how black text looks on a background with the CIELCh color 46, 24.720, 21.430.

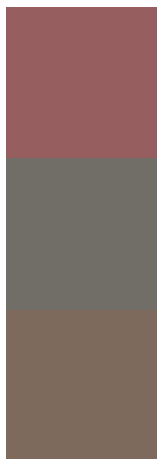


This preview shows how white text looks on a background with the CIELCh color 46, 24.720, 21.430.

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, 24.720, 21.430

Protanopia

46, 3.914, 84.312

Deuteranopia

46, 11.725, 57.220



Tritanopia
46, 24.948, 13.567

Trichromacy



Original Color
46, 24.720, 21.430

Protanomaly
46, 10.071, 30.663

Deuteranomaly
46, 15.670, 36.316

Tritanomaly
46, 24.978, 16.246

Monochromacy



Original Color
46, 24.720, 21.430

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 8.460, 20.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 24.720, 21.430 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(150, 94, 95)` looks like.

```
.text, #text, p{  
    color:rgb(150, 94, 95)  
}
```

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(150, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 94, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 24.720, 21.430 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(150, 94, 95) }
```

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

```
.border{ border-color:rgb(150, 94, 95) }
```

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

Here you see how a box with a 4 pixel rgb(150, 94, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(150, 94,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 24.720, 21.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 94, 95) }
```

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

```
.background{ background-color: rgb(150, 94,  
95) }
```

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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