

Converting Colors

CIELCh(46, 23.743, 350.993)

Have a look what the booklet for
CIELCh(46, 23.743, 350.993)
contains.

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Color

CIELCh(46, 24.100, 350.464)

Conversions

Conversions Part 1

Format	Color
Hex	905E74
RGB	144, 94, 116
RGB Percent	56%, 37%, 45%
CMY	0.4343, 0.6304, 0.5441
CMYK	0.00, 0.35, 0.19, 0.43
HSL	334°, 21%, 47%
HSV	334°, 35%, 57%
XYZ	18.7389, 15.2687, 18.5583
YIQ	111.4580, 22.7380, 17.4420

Conversions

Conversions Part 2

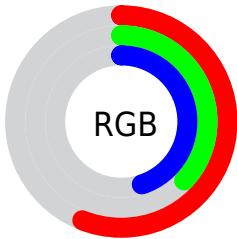
Format	Color
R_{YB}	144, 94, 116
Decimal	9461364
CIE Lab	46.00, 23.77, -3.99
CIE LCh	46, 24.100, 350.464
Yxy	15.2687, 0.3565, 0.2905
Android (android.graphics.Color)	4287651444 (0xFF905E74)
YUV	111.4580, 2.2392, 28.5393
Hunter-Lab	39.0751, 17.2202, -0.8064

Details

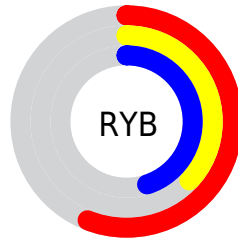
The CIELCh color $46, 24.100, 350.464$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 22.799, 163.723$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 24.241, 350.512$, and $26, 23.756, 350.386$ is the 20% darker color. If you saturate the color by 10%, you get $42, 31.026, 351.811$, and if you desaturate by 10%, it is $50, 17.042, 349.306$.

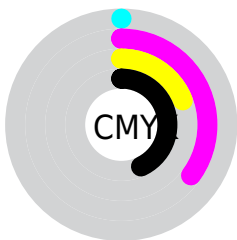
Distribution



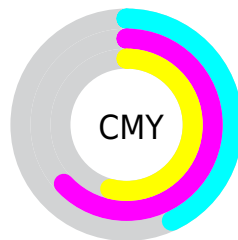
- Red (56%)
- Green (37%)
- Blue (45%)



- Red (56%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (19%)
- Black (43%)



- Cyan (43%)
- Magenta (63%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 24.100, 350.464 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, 24.100, 350.464 by changing the saturation by 10% instead.

 46, 24.100,
350.464


 46, 24.100,
350.464

 100, 24.100,
350.464

 36, 24.100,
350.464

 66, 24.100,
350.464

 26, 24.100,
350.464

 76, 24.100,
350.464

 16, 24.100,
350.464

 86, 24.100,
350.464

 6, 24.100, 350.464

 96, 24.100,
350.464

 0, 24.100, 350.464

 46, 24.100,

 46, 24.100,

350.464

350.464

42, 31.026,
351.811

50, 17.042,
349.306

39, 37.589,
353.408

54, 10.025,
348.280

36, 43.480,
355.349

58, 3.149, 347.307

34, 48.361,
357.760

62, 3.525, 166.699

66, 9.970, 165.901

32, 51.952, 0.795

71, 16.177,
165.215

31, 54.183, 4.598

75, 22.150,

164.589

30, 55.231, 6.736

79, 27.901,
164.013

83, 33.443,

Harmonies

Complementary

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



46, 24.100, 350.464



56, 22.799, 163.723

Rectangle

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



46, 24.100, 350.464



46, 24.100, 40.464



46, 24.100, 170.464



46, 24.100, 220.464

Sweetspot

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



46, 24.098, 350.466



71, 8.457, 347.852



45, 31.616, 312.360



37, 5.761, 347.971



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



46, 24.098, 350.466



56, 36.342, 351.556



46, 21.139, 26.076



28, 3.798, 347.753



28, 52.673, 6.419



1, 2.533, 347.020

Inverse Universe

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



46, 24.098, 350.466



56, 36.342, 351.556



56, 16.629, 202.841



28, 3.798, 347.753



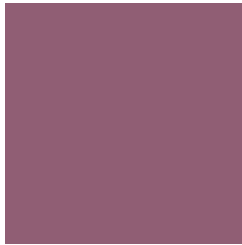
28, 52.673, 6.419



1, 2.533, 347.020

Previews

White Background



This preview shows how the CIE LCh color 46, 24.100, 350.464 looks on a white background.

Color Contrast Check

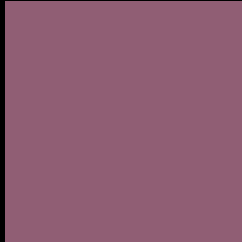
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.100, 350.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

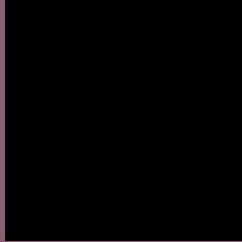
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 24.100, 350.464

Background



This preview shows how black text looks on a background with the CIELCh color 46, 24.100, 350.464.



This preview shows how white text looks on a background with the CIELCh color 46, 24.100, 350.464.

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, 24.100, 350.464

Protanopia

46, 10.124, 287.243

Deuteranopia

46, 6.841, 336.315



Tritanopia
46, 20.573, 9.132

Trichromacy



Original Color
46, 24.100, 350.464

Protanomaly
46, 13.219, 322.273

Deuteranomaly
46, 13.144, 345.346

Tritanomaly
46, 21.520, 1.740

Monochromacy



Original Color
46, 24.100, 350.464

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 8.784, 347.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 24.100, 350.464 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(144, 94, 116)` looks like.

```
.text, #text, p{  
    color:rgb(144, 94, 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(144, 94, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 94, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 24.100, 350.464 is called "border". The border property can be set on classes, ids or directly on the HTML element.

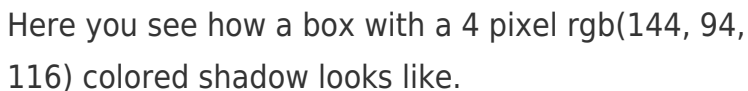
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 94, 116) }
```

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

```
.border{ border-color:rgb(144, 94, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(144, 94, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 94, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 94, 116); box-shadow:4px 4px 4px 4px rgb(144, 94, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 24.100, 350.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 94, 116) }
```

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

```
.background{ background-color: rgb(144, 94,  
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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