

Converting Colors

CIELCh(46, 26.154, 352.514)

Have a look what the booklet for
CIELCh(46, 26.154, 352.514)
contains.

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Color

CIELCh(46, 25.873, 353.343)

Conversions

Conversions Part 1

Format	Color
Hex	945D73
RGB	148, 93, 115
RGB Percent	58%, 36%, 45%
CMY	0.4209, 0.6365, 0.5503
CMYK	0.00, 0.37, 0.22, 0.42
HSL	336°, 23%, 47%
HSV	336°, 37%, 58%
XYZ	19.1146, 15.2687, 18.0640
YIQ	111.9530, 25.7180, 18.5020

Conversions

Conversions Part 2

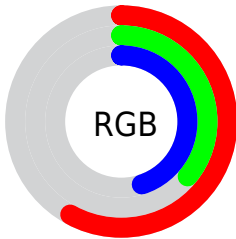
Format	Color
R_{YB}	148, 93, 115
Decimal	9723251
CIE Lab	46.00, 25.70, -3.00
CIE LCh	46, 25.873, 353.343
Yxy	15.2687, 0.3645, 0.2911
Android (android.graphics.Color)	4287913331 (0xFF945D73)
YUV	111.9530, 1.5022, 31.6132
Hunter-Lab	39.0751, 18.9361, -0.0565

Details

The CIELCh color $46, 25.873, 353.343$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 24.087, 165.753$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 25.934, 353.042$, and $26, 26.177, 353.327$ is the 20% darker color. If you saturate the color by 10%, you get $42, 32.794, 354.840$, and if you desaturate by 10%, it is $50, 18.799, 352.075$.

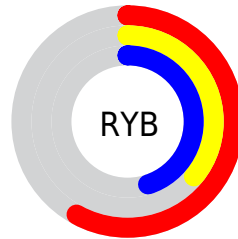
Distribution



Red (58%)

Green (36%)

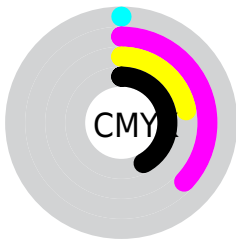
Blue (45%)



Red (58%)

Yellow (36%)

Blue (45%)

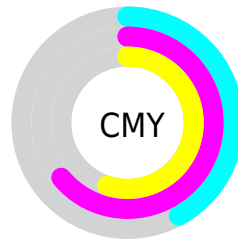


Cyan (0%)

Magenta (37%)

Yellow (22%)

Black (42%)



Cyan (42%)


Magenta (64%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 25.873, 353.343 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, 25.873, 353.343 by changing the saturation by 10% instead.


 46, 25.873,
353.343


 46, 25.873,
353.343


 100, 25.873,
353.343


 36, 25.873,
353.343

 66, 25.873,
353.343


 26, 25.873,
353.343

 76, 25.873,
353.343

 16, 25.873,
353.343

 86, 25.873,
353.343

 6, 25.873, 353.343

 96, 25.873,
353.343

 0, 25.873, 353.343

 46, 25.873,

 46, 25.873,

353.343

353.343

42, 32.794,
354.840

50, 18.799,
352.075

39, 39.315,
356.641

54, 11.758,
350.971

36, 45.117,
358.862

58, 4.861, 349.967

34, 49.873, 1.648

62, 1.827, 169.376

32, 53.349, 5.164

67, 8.273, 168.453

31, 55.682, 9.450

71, 14.470,
167.733

31, 56.340, 10.646

75, 20.421,
167.084

80, 26.139,
166.489

84, 31.639,

Harmonies

Complementary

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



46, 25.873, 353.343



57, 24.087, 165.753

Rectangle

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



46, 25.873, 353.343



46, 25.873, 43.343



46, 25.873, 173.343



46, 25.873, 223.343

Sweetspot

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



46, 25.871, 353.345



72, 9.191, 350.363



45, 34.849, 313.562



37, 6.236, 350.484



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, 25.871, 353.345



55, 38.609, 354.627



47, 22.715, 28.977



29, 3.816, 350.164



29, 53.520, 10.288



1, 3.291, 349.405

Inverse Universe

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



46, 25.871, 353.345



55, 38.609, 354.627



56, 17.444, 206.537



29, 3.816, 350.164



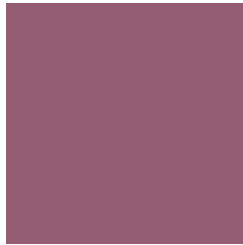
29, 53.520, 10.288



1, 3.291, 349.405

Previews

White Background



This preview shows how the CIELCh color 46, 25.873, 353.343 looks on a white background.

Color Contrast Check

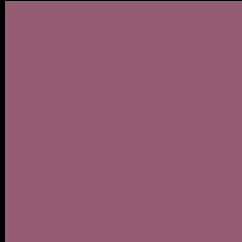
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.873, 353.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

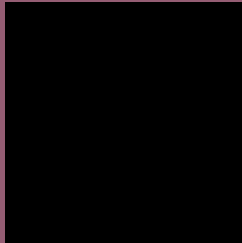
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 25.873, 353.343

Background



This preview shows how black text looks on a background with the CIELCh color 46, 25.873, 353.343.



This preview shows how white text looks on a background with the CIELCh color 46, 25.873, 353.343.

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, 25.873, 353.343

Protanopia

46, 9.517, 286.863

Deuteranopia

46, 6.431, 346.638



Tritanopia
46, 22.276, 11.966

Trichromacy



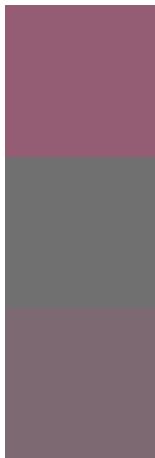
Original Color
46, 25.873, 353.343

Protanomaly
46, 13.159, 326.705

Deuteranomaly
46, 13.552, 349.652

Tritanomaly
46, 23.559, 3.995

Monochromacy



Original Color
46, 25.873, 353.343

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 9.508, 350.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 25.873, 353.343 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, 93, 115)` looks like.

```
.text, #text, p{  
    color:rgb(148, 93, 115)  
}
```

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, 93, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 93, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 25.873, 353.343 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, 93, 115) }
```

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

```
.border{ border-color:rgb(148, 93, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 93, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 93, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 93, 115);  
box-shadow:4px 4px 4px 4px rgb(148, 93,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 25.873, 353.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 93, 115) }
```

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

```
.background{ background-color: rgb(148, 93,  
115) }
```

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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