

Converting Colors

CIELCh(46, 32.306, 342.998)

Have a look what the booklet for
CIELCh(46, 32.306, 342.998)
contains.

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Color

CIELCh(46, 32.091, 343.118)

Conversions

Conversions Part 1

Format	Color
Hex	97597D
RGB	151, 89, 125
RGB Percent	59%, 35%, 49%
CMY	0.4069, 0.6501, 0.5089
CMYK	0.00, 0.41, 0.17, 0.41
HSL	325°, 26%, 47%
HSV	325°, 41%, 59%
XYZ	20.1120, 15.2687, 21.3632
YIQ	111.6420, 25.3960, 24.3400

Conversions

Conversions Part 2

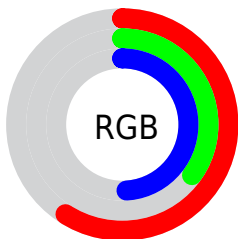
Format	Color
R_{YB}	151, 89, 125
Decimal	9918845
CIE _{Lab}	46.00, 30.71, -9.32
CIE _{LCh}	46, 32.091, 343.118
Yxy	15.2687, 0.3544, 0.2691
Android (android.graphics.Color)	4288108925 (0xFF97597D)
YUV	111.6420, 6.5855, 34.5170
Hunter-Lab	39.0751, 23.4927, -5.0625

Details

The CIELCh color $[46, 32.091, 343.118]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[58, 31.171, 155.780]$, and the grayscale version is $[47, 0.006, 296.813]$.

A 20% lighter version of the original color is $[66, 32.257, 342.524]$, and $[26, 31.812, 342.988]$ is the 20% darker color. If you saturate the color by 10%, you get $[43, 39.426, 344.267]$, and if you desaturate by 10%, it is $[50, 24.343, 342.105]$.

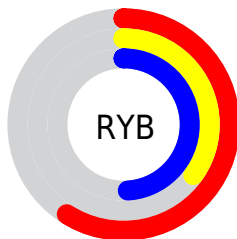
Distribution



Red (59%)

Green (35%)

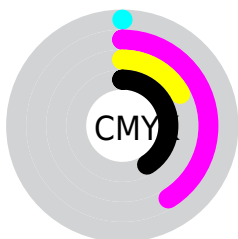
Blue (49%)



Red (59%)

Yellow (35%)

Blue (49%)

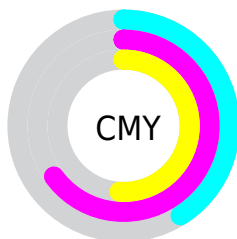


Cyan (0%)

Magenta (41%)

Yellow (17%)

Black (41%)



Cyan (41%)


Magenta (65%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 32.091, 343.118 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, 32.091, 343.118 by changing the saturation by 10% instead.


 46, 32.091,
343.118


 46, 32.091,
343.118


 100, 32.091,
343.118


 36, 32.091,
343.118

 66, 32.091,
343.118


 26, 32.091,
343.118

 76, 32.091,
343.118

 16, 32.091,
343.118

 86, 32.091,
343.118

 6, 32.091, 343.118

 96, 32.091,
343.118

 0, 32.091, 343.118

 46, 32.091,

 46, 32.091,

343.118

43, 39.426,
344.267

39, 46.027,
345.598

37, 51.511,
347.182

35, 55.516,
349.115

33, 57.811,
351.517

32, 58.852,
354.026

343.118

50, 24.343,
342.105

54, 16.438,
341.192

58, 8.545, 340.350

62, 0.777, 339.233

66, 6.801, 158.973

71, 14.155,
158.300

75, 21.273,
157.687

80, 28.155,
157.118

84, 34.810,

Harmonies

Complementary

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



46, 32.091, 343.118



58, 31.171, 155.780

Rectangle

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



46, 32.091, 343.118



46, 32.091, 33.118



46, 32.091, 163.118



46, 32.091, 213.118

Sweetspot

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



46, 32.089, 343.119



73, 11.540, 340.451



43, 38.449, 308.404



38, 7.723, 340.548



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



46, 32.089, 343.119



55, 46.940, 344.141



45, 27.359, 17.079



30, 4.422, 340.204



30, 55.764, 353.787



1, 4.704, 340.020

Inverse Universe

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



46, 32.089, 343.119



55, 46.940, 344.141



58, 21.583, 189.550



30, 4.422, 340.204



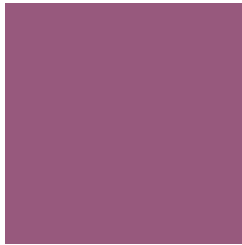
30, 55.764, 353.787



1, 4.704, 340.020

Previews

White Background



This preview shows how the CIELCh color 46, 32.091, 343.118 looks on a white background.

Color Contrast Check

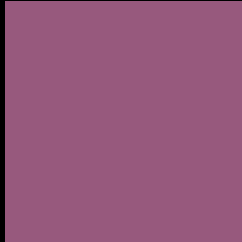
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.091, 343.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

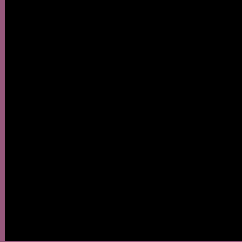
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 32.091, 343.118

Background



This preview shows how black text looks on a background with the CIELCh color 46, 32.091, 343.118.



This preview shows how white text looks on a background with the CIELCh color 46, 32.091, 343.118.

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, 32.091, 343.118

Protanopia

46, 17.898, 285.684

Deuteranopia

46, 10.073, 309.629



Tritanopia
46, 24.041, 13.047

Trichromacy



Original Color
46, 32.091, 343.118

Protanomaly
46, 20.481, 313.286

Deuteranomaly
46, 17.652, 331.085

Tritanomaly
46, 26.260, 359.696

Monochromacy



Original Color
46, 32.091, 343.118

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 11.820, 340.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 32.091, 343.118 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(151, 89, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 89, 125)  
}
```

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(151, 89, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 89, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 32.091, 343.118 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(151, 89, 125) }
```

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

```
.border{ border-color:rgb(151, 89, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 89, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 89, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 89, 125);  
box-shadow:4px 4px 4px 4px rgb(151, 89,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 32.091, 343.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 89, 125) }
```

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

```
.background{ background-color: rgb(151, 89,  
125) }
```

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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