

Converting Colors

CIELCh(46, 40.055, 326.027)

Have a look what the booklet for
CIELCh(46, 40.055, 326.027)
contains.

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Color

CIELCh(46, 39.814, 325.992)

Conversions

Conversions Part 1

Format	Color
Hex	925993
RGB	146, 89, 147
RGB Percent	57%, 35%, 58%
CMY	0.4288, 0.6522, 0.4248
CMYK	0.01, 0.40, 0.00, 0.42
HSL	299°, 25%, 46%
HSV	299°, 40%, 58%
XYZ	20.5806, 15.2687, 29.3294
YIQ	112.6550, 15.3540, 30.1220

Conversions

Conversions Part 2

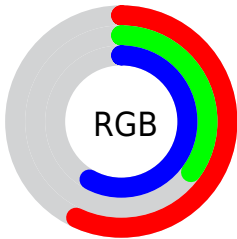
Format	Color
R _Y B	146, 89, 147
Decimal	9591187
CIE Lab	46.00, 33.00, -22.27
CIE LCh	46, 39.814, 325.992
Yxy	15.2687, 0.3158, 0.2343
Android (android.graphics.Color)	4287781267 (0xFF925993)
YUV	112.6550, 16.9321, 29.2436
Hunter-Lab	39.0751, 25.6332, -17.1499

Details

The CIELCh color $46, 39.814, 325.992$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 39.829, 141.175$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 39.940, 326.077$, and $26, 39.546, 326.074$ is the 20% darker color. If you saturate the color by 10%, you get $43, 49.147, 326.441$, and if you desaturate by 10%, it is $49, 29.940, 325.503$.

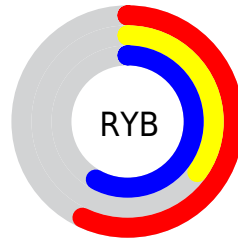
Distribution



Red (57%)

Green (35%)

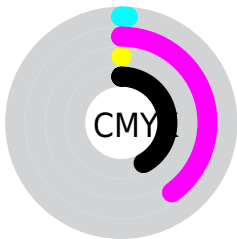
Blue (58%)



Red (57%)

Yellow (35%)

Blue (58%)

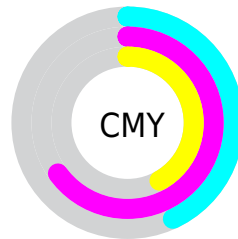


Cyan (1%)

Magenta (40%)

Yellow (0%)

Black (42%)



Cyan (43%)


Magenta (65%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 39.814, 325.992 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, 39.814, 325.992 by changing the saturation by 10% instead.


 46, 39.814,
325.992


 46, 39.814,
325.992


 100, 39.814,
325.992


 36, 39.814,
325.992

 66, 39.814,
325.992


 26, 39.814,
325.992

 76, 39.814,
325.992

 16, 39.814,
325.992

 86, 39.814,
325.992

 6, 39.814, 325.992

 96, 39.814,
325.992

 0, 39.814, 325.992

 46, 39.814,

 46, 39.814,

325.992

325.992

43, 49.147,
326.441

49, 29.940,
325.503

40, 57.602,
326.831

53, 19.809,
324.989

38, 64.801,
327.147

57, 9.626, 324.457

36, 70.396,
327.374

61, 0.463, 144.395

35, 74.165,
327.504

65, 10.364,
143.469

34, 76.475,
327.558

69, 20.021,
142.967

34, 76.579,
327.561

73, 29.403,
142.492

78, 38.496,
142.044

■ 82, 47.301,
141.622

Harmonies

Complementary

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



46, 39.814, 325.992



56, 39.829, 141.175

Rectangle

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



46, 39.814, 325.992



46, 39.814, 15.992



46, 39.814, 145.992



46, 39.814, 195.992

Sweetspot

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



46, 39.812, 325.992



72, 15.071, 324.603



41, 34.063, 294.026



37, 10.082, 324.665



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, 39.812, 325.992



56, 58.076, 326.374



45, 29.346, 345.524



29, 5.744, 324.439



32, 73.141, 327.564



1, 4.995, 323.978

Inverse Universe

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



44, 25.878, 21.785



53, 39.176, 23.226



56, 28.252, 158.203



29, 3.342, 18.487



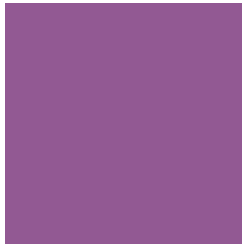
28, 64.557, 38.244



1, 2.830, 17.961

Previews

White Background



This preview shows how the CIELCh color 46, 39.814, 325.992 looks on a white background.

Color Contrast Check

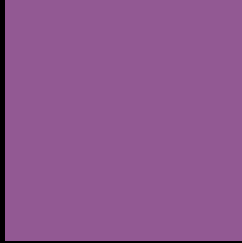
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.814, 325.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

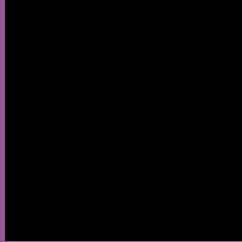
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 39.814, 325.992

Background



This preview shows how black text looks on a background with the CIELCh color 46, 39.814, 325.992.



This preview shows how white text looks on a background with the CIELCh color 46, 39.814, 325.992.

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, 39.814, 325.992

Protanopia

46, 32.238, 284.912

Deuteranopia

46, 20.830, 287.163



Tritanopia
46, 18.325, 8.985

Trichromacy



Original Color
46, 39.814, 325.992

Protanomaly
46, 33.018, 300.363

Deuteranomaly
46, 26.448, 306.978

Tritanomaly
46, 23.938, 344.884

Monochromacy



Original Color
46, 39.814, 325.992

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 14.803, 323.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 39.814, 325.992 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(146, 89, 147)` looks like.

```
.text, #text, p{  
    color:rgb(146, 89, 147)  
}
```

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(146, 89, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 89, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 39.814, 325.992 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(146, 89, 147) }
```

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

```
.border{ border-color:rgb(146, 89, 147) }
```

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

Here you see how a box with a 4 pixel rgb(146, 89, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 89, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 89, 147);  
box-shadow:4px 4px 4px 4px rgb(146, 89,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 39.814, 325.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 89, 147) }
```

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

```
.background{ background-color: rgb(146, 89,  
147) }
```

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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