

Converting Colors

CIELCh(41, 46.012, 337.527)

Have a look what the booklet for
CIELCh(41, 46.012, 337.527)
contains.

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Color

CIELCh(41, 46.012, 337.527)

Conversions

Conversions Part 1

Format	Color
Hex	95427E
RGB	149, 66, 126
RGB Percent	58%, 26%, 49%
CMY	0.4144, 0.7400, 0.5047
CMYK	0.00, 0.56, 0.15, 0.41
HSL	317°, 39%, 42%
HSV	317°, 56%, 59%
XYZ	18.2031, 11.8645, 21.1697
YIQ	97.6570, 30.2080, 36.2560

Conversions

Conversions Part 2

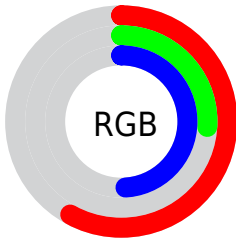
Format	Color
RYB	149, 66, 126
Decimal	9781886
CIELab	41.00, 42.52, -17.59
CIElCh	41, 46.012, 337.527
Yxy	11.8645, 0.3553, 0.2316
Android (android.graphics.Color)	4287971966 (0xFF95427E)
YUV	97.6570, 13.9731, 45.0278
Hunter-Lab	34.4449, 34.0530, -12.3279

Details

The CIELCh color $41, 46.012, 337.527$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $56, 45.939, 148.152$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 45.875, 337.440$, and $21, 46.125, 337.636$ is the 20% darker color. If you saturate the color by 10%, you get $38, 52.504, 338.477$, and if you desaturate by 10%, it is $44, 38.508, 336.663$.

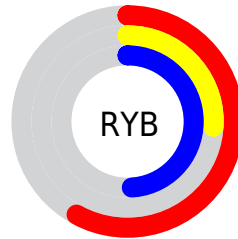
Distribution



Red (58%)

Green (26%)

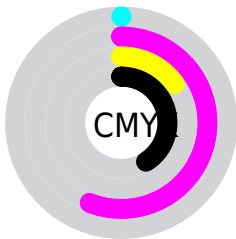
Blue (49%)



Red (58%)

Yellow (26%)

Blue (49%)

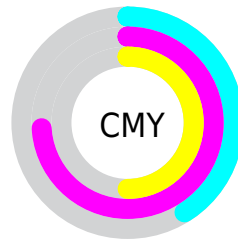


Cyan (0%)

Magenta (56%)

Yellow (15%)

Black (41%)



Cyan (41%)


Magenta (74%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 46.012, 337.527 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 41, 46.012, 337.527 by changing the saturation by 10% instead.


 41, 46.012,
337.527


 41, 46.012,
337.527


 100, 46.012,
337.527


 31, 46.012,
337.527

 61, 46.012,
337.527


 21, 46.012,
337.527

 71, 46.012,
337.527

 11, 46.012,
337.527

 81, 46.012,
337.527

 1, 46.012, 337.527

 91, 46.012,
337.527

 0, 46.012, 337.527

 41, 46.012,

 41, 46.012,

337.527

337.527

■ 38, 52.504,
338.477

■ 44, 38.508,
336.663

■ 36, 57.602,
339.547

■ 48, 30.366,
335.862

■ 34, 60.982,
340.787

■ 51, 21.886,
335.109

■ 33, 62.559,
342.249

■ 55, 13.292,
334.394

■ 33, 63.045,
342.922

■ 59, 4.738, 333.690

■ 64, 3.675, 153.186

■ 68, 11.890,
152.537

■ 72, 19.875,
151.961

■ 77, 27.620,
151.423

Harmonies

Complementary

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



41, 46.012, 337.527



56, 45.939, 148.152

Rectangle

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



41, 46.012, 337.527



41, 46.012, 27.527



41, 46.012, 157.527



41, 46.012, 207.527

Sweetspot

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



41, 46.010, 337.527



70, 17.933, 334.517



34, 52.005, 305.067



35, 11.970, 334.642



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



41, 46.010, 337.527



49, 65.547, 338.757



40, 37.289, 8.643



29, 4.756, 333.948



30, 59.510, 342.785



1, 4.131, 333.382

Inverse Universe

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



41, 46.010, 337.527



49, 65.547, 338.757



56, 30.233, 175.027



29, 4.756, 333.948



30, 59.510, 342.785



1, 4.131, 333.382

Previews

White Background



This preview shows how the CIELCh color 41, 46.012, 337.527 looks on a white background.

Color Contrast Check

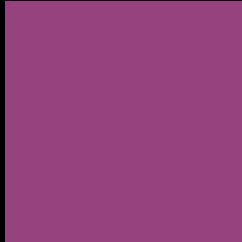
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 46.012, 337.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

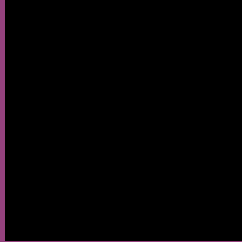
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 46.012, 337.527

Background



This preview shows how black text looks on a background with the CIELCh color 41, 46.012, 337.527.



This preview shows how white text looks on a background with the CIELCh color 41, 46.012, 337.527.

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





Tritanopia
41, 30.695, 18.858

Trichromacy



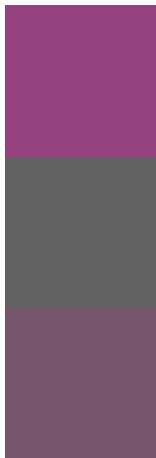
Original Color
41, 46.012, 337.527

Protanomaly
40, 34.851, 305.817

Deuteranomaly
40, 26.218, 318.394

Tritanomaly
41, 34.008, 359.727

Monochromacy



Original Color
41, 46.012, 337.527

Achromatopsia
42, 0.006, 296.813

Achromatomaly
40, 18.384, 335.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 46.012, 337.527 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(149, 66, 126)` looks like.

```
.text, #text, p{  
    color:rgb(149, 66, 126)  
}
```

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(149, 66, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 66, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 46.012, 337.527 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(149, 66, 126) }
```

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

```
.border{ border-color:rgb(149, 66, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 66, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 66, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 66, 126);  
box-shadow:4px 4px 4px 4px rgb(149, 66,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 46.012, 337.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 66, 126) }
```

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

```
.background{ background-color: rgb(149, 66,  
126) }
```

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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