

Converting Colors

CIELCh(46, 61.367, 340.056)

Have a look what the booklet for
CIELCh(46, 61.367, 340.056)
contains.

CIELCh(46, 61.367, 340.056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(46, 61.367, 340.056)

Conversions

Conversions Part 1

Format	Color
Hex	B63C91
RGB	182, 60, 145
RGB Percent	71%, 24%, 57%
CMY	0.2855, 0.7639, 0.4307
CMYK	0.00, 0.67, 0.20, 0.29
HSL	318°, 50%, 48%
HSV	318°, 67%, 71%
XYZ	26.0849, 15.2687, 28.4287
YIQ	106.1680, 45.4270, 52.2990

Conversions

Conversions Part 2

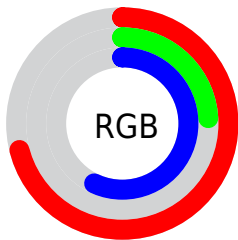
Format	Color
R_{YB}	182, 60, 145
Decimal	11943057
CIE _{Lab}	46.00, 57.69, -20.93
CIE _{LCh}	46, 61.367, 340.056
Yxy	15.2687, 0.3738, 0.2188
Android (android.graphics.Color)	4290133137 (0xFFB63C91)
YUV	106.1680, 19.1442, 66.5047
Hunter-Lab	39.0751, 50.7777, -15.7833

Details

The CIELCh color **46, 61.367, 340.056** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **66, 62.084, 147.289**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 61.325, 340.155**, and **27, 56.691, 340.687** is the 20% darker color. If you saturate the color by 10%, you get **44, 66.802, 341.299**, and if you desaturate by 10%, it is **49, 54.175, 338.980**.

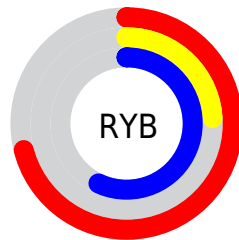
Distribution



Red (71%)

Green (24%)

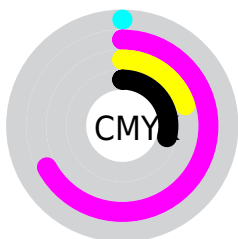
Blue (57%)



Red (71%)

Yellow (24%)

Blue (57%)

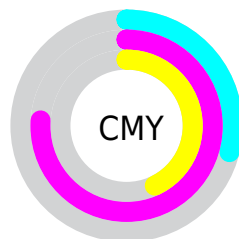


Cyan (0%)

Magenta (67%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (76%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 61.367, 340.056 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, 61.367, 340.056 by changing the saturation by 10% instead.


 46, 61.367,
340.056


 46, 61.367,
340.056


 100, 61.367,
340.056


 36, 61.367,
340.056

 66, 61.367,
340.056


 26, 61.367,
340.056

 76, 61.367,
340.056

 16, 61.367,
340.056

 86, 61.367,
340.056

 6, 61.367, 340.056

 96, 61.367,
340.056

 0, 61.367, 340.056

 46, 61.367,

 46, 61.367,

340.056

44, 66.802,
341.299

42, 70.137,
342.774

41, 71.359,
344.548

40, 71.569,
345.116

340.056

49, 54.175,
338.980

53, 45.698,
338.021

57, 36.389,
337.148

61, 26.629,
336.339

66, 16.703,
335.581

71, 6.807, 334.847

76, 2.931, 154.338

81, 12.438,
153.630

■ 86, 21.675,
153.030

Harmonies

Complementary

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



46, 61.367, 340.056



66, 62.084, 147.289

Rectangle

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



46, 61.367, 340.056



46, 61.367, 30.056



46, 61.367, 160.056



46, 61.367, 210.056

Sweetspot

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



46, 61.364, 340.056



82, 24.441, 335.832



36, 74.172, 307.090



42, 16.825, 336.044



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



46, 61.364, 340.056



55, 83.507, 341.913



44, 52.588, 14.651



36, 5.586, 335.024



34, 63.833, 344.845



3, 14.023, 339.512

Inverse Universe

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



46, 61.364, 340.056



55, 83.507, 341.913



67, 39.432, 176.190



36, 5.586, 335.024



34, 63.833, 344.845



3, 14.023, 339.512

Previews

White Background



This preview shows how the CIELCh color 46, 61.367, 340.056 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, 61.367, 340.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

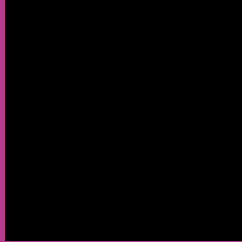
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 61.367, 340.056

Background



This preview shows how black text looks on a background with the CIELCh color 46, 61.367, 340.056.



This preview shows how white text looks on a background with the CIELCh color 46, 61.367, 340.056.

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](#).

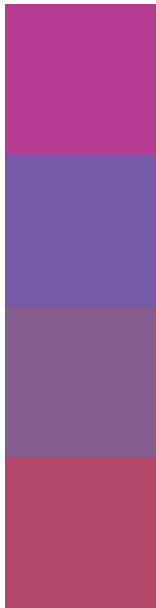
Dichromacy





Tritanopia
46, 44.590, 22.164

Trichromacy



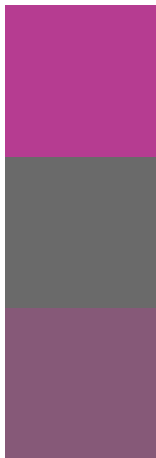
Original Color
46, 61.367, 340.056

Protanomaly
44, 48.043, 306.500

Deuteranomaly
45, 33.709, 322.158

Tritanomaly
46, 47.209, 3.096

Monochromacy



Original Color
46, 61.367, 340.056

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 25.653, 337.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 61.367, 340.056 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(182, 60, 145)` looks like.

```
.text, #text, p{  
    color:rgb(182, 60, 145)  
}
```

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(182, 60, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 60, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 61.367, 340.056 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(182, 60, 145) }
```

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

```
.border{ border-color:rgb(182, 60, 145) }
```

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

Here you see how a box with a 4 pixel rgb(182, 60, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 60, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 60, 145);  
box-shadow:4px 4px 4px 4px rgb(182, 60,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 61.367, 340.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 60, 145) }
```

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

```
.background{ background-color: rgb(182, 60,  
145) }
```

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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