

Converting Colors

CIELCh(46, 59.546, 344.549)

Have a look what the booklet for
CIELCh(46, 59.546, 344.549)
contains.

CIELCh(46, 59.555, 344.627)	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, 59.555, 344.627)

Conversions

Conversions Part 1

Format	Color
Hex	B93C89
RGB	185, 60, 137
RGB Percent	73%, 24%, 54%
CMY	0.2758, 0.7660, 0.4639
CMYK	0.00, 0.68, 0.26, 0.28
HSL	323°, 51%, 48%
HSV	323°, 68%, 72%
XYZ	26.0218, 15.2687, 25.1328
YIQ	106.1530, 49.7830, 50.4470

Conversions

Conversions Part 2

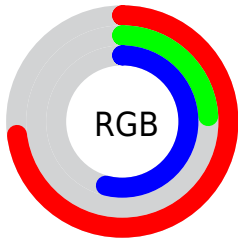
Format	Color
RYB	185, 60, 137
Decimal	12139657
CIELab	46.00, 57.42, -15.79
CIELCh	46, 59.555, 344.627
Yxy	15.2687, 0.3918, 0.2299
Android (android.graphics.Color)	4290329737 (0xFFB93C89)
YUV	106.1530, 15.2076, 69.1488
Hunter-Lab	39.0751, 50.4891, -10.7823

Details

The CIELCh color $46, 59.555, 344.627$ is a dark color, and the websafe version is hex $CC3399$. A complement of this color would be $67, 59.272, 150.313$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 59.384, 344.807$, and $28, 55.006, 345.673$ is the 20% darker color. If you saturate the color by 10%, you get $43, 64.713, 346.302$, and if you desaturate by 10%, it is $49, 52.667, 343.235$.

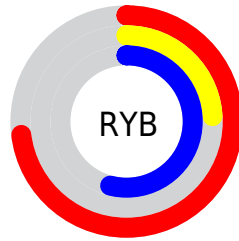
Distribution



Red (73%)

Green (24%)

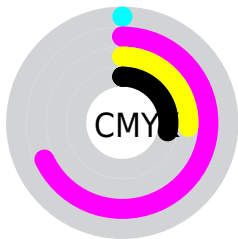
Blue (54%)



Red (73%)

Yellow (24%)

Blue (54%)

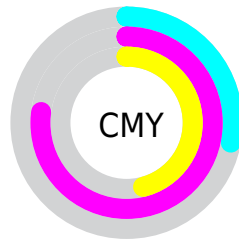


Cyan (0%)

Magenta (68%)

Yellow (26%)

Black (28%)



Cyan (28%)

Magenta (77%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 59.555, 344.627 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, 59.555, 344.627 by changing the saturation by 10% instead.


 46, 59.555,
344.627


 46, 59.555,
344.627


 100, 59.555,
344.627


 36, 59.555,
344.627

 66, 59.555,
344.627


 26, 59.555,
344.627

 76, 59.555,
344.627

 16, 59.555,
344.627


 86, 59.555,
344.627

 6, 59.555, 344.627

 96, 59.555,
344.627

 0, 59.555, 344.627

 46, 59.555,

 46, 59.555,

344.627

344.627

■ 43, 64.713,
346.302

■ 49, 52.667,
343.235

■ 42, 67.815,
348.361

■ 53, 44.518,
342.044

■ 41, 68.925,
350.893

■ 57, 35.564,
340.999

■ 40, 69.097,
351.508

■ 62, 26.183,
340.061

■ 66, 16.657,
339.204

■ 71, 7.180, 338.396

■ 76, 2.129, 157.883

■ 81, 11.199,
157.079

■ 86, 19.997,
156.439

Harmonies

Complementary

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



46, 59.555, 344.627



67, 59.272, 150.313

Rectangle

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



46, 59.555, 344.627



46, 59.555, 34.627



46, 59.555, 164.627



46, 59.555, 214.627

Sweetspot

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



46, 59.552, 344.628



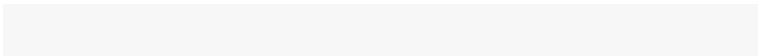
83, 23.321, 339.424



38, 75.540, 309.223



42, 15.922, 339.661



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, 59.552, 344.628



55, 80.770, 347.204



44, 54.861, 21.308



36, 5.276, 338.529



34, 61.017, 351.088



3, 13.165, 344.076

Inverse Universe

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



46, 59.552, 344.628



55, 80.770, 347.204



68, 37.384, 183.962



36, 5.276, 338.529



34, 61.017, 351.088



3, 13.165, 344.076

Previews

White Background



This preview shows how the CIELCh color 46, 59.555, 344.627 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, 59.555, 344.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

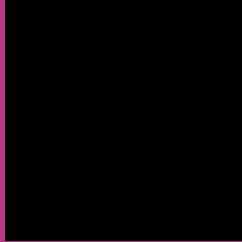
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 59.555, 344.627

Background



This preview shows how black text looks on a background with the CIELCh color 46, 59.555, 344.627.



This preview shows how white text looks on a background with the CIELCh color 46, 59.555, 344.627.

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, 59.555, 344.627

Protanopia
47, 38.147, 285.378

Deuteranopia
46, 13.751, 296.765



Tritanopia
46, 47.017, 23.549

Trichromacy



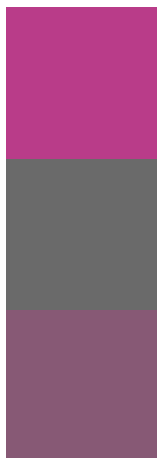
Original Color
46, 59.555, 344.627

Protanomaly
44, 42.696, 310.060

Deuteranomaly
45, 30.687, 329.409

Tritanomaly
46, 48.849, 6.697

Monochromacy



Original Color
46, 59.555, 344.627

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 24.823, 340.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 59.555, 344.627 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(185, 60, 137)` looks like.

```
.text, #text, p{  
    color:rgb(185, 60, 137)  
}
```

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(185, 60, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 60, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 59.555, 344.627 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(185, 60, 137) }
```

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

```
.border{ border-color:rgb(185, 60, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 60, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 60, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 60, 137);  
box-shadow:4px 4px 4px 4px rgb(185, 60,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 59.555, 344.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 60, 137) }
```

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

```
.background{ background-color: rgb(185, 60,  
137) }
```

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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